

County Weld State Colorado

G.L. 4971'

Liner	5	---
	4 1/2	11.6

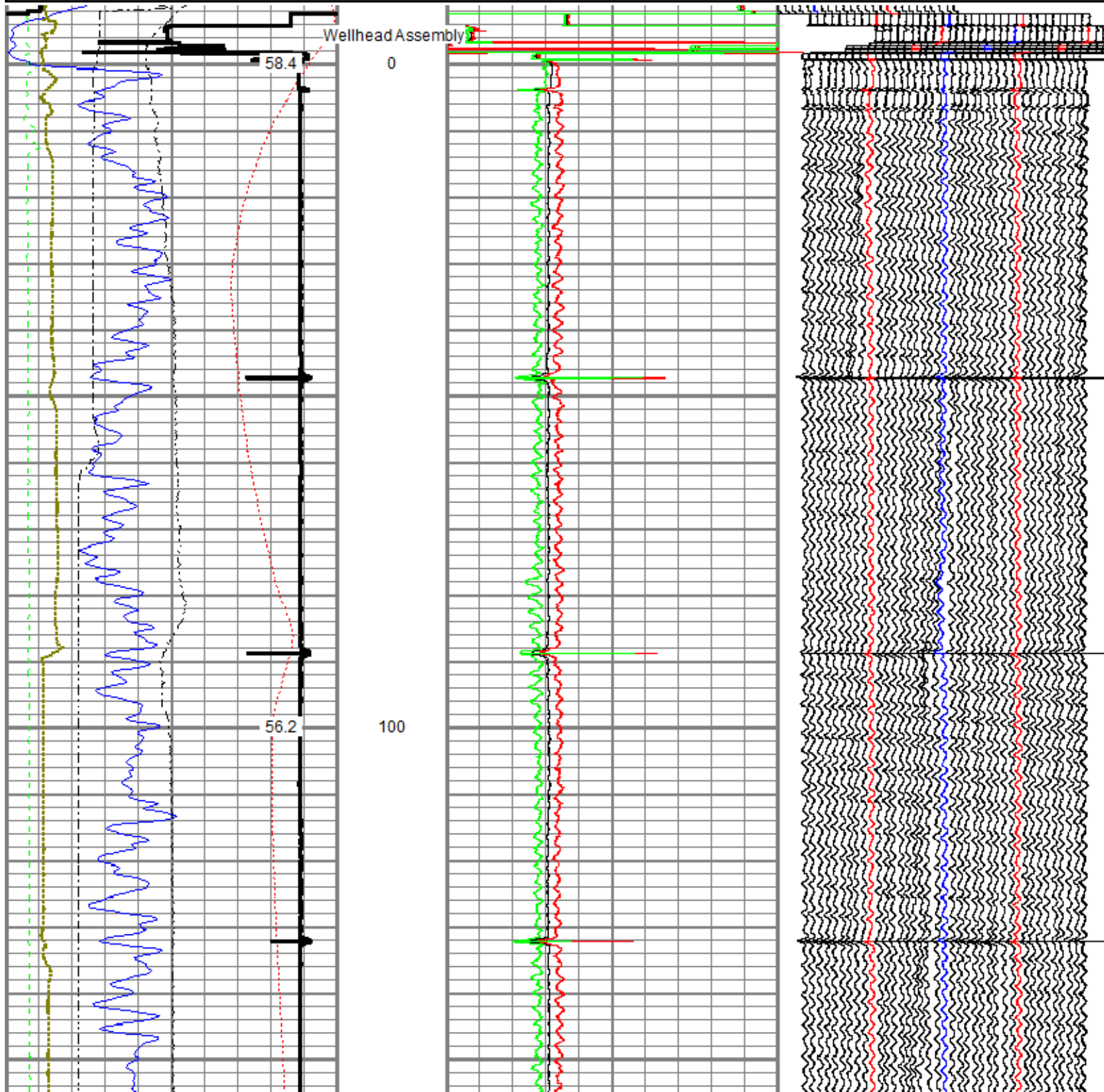


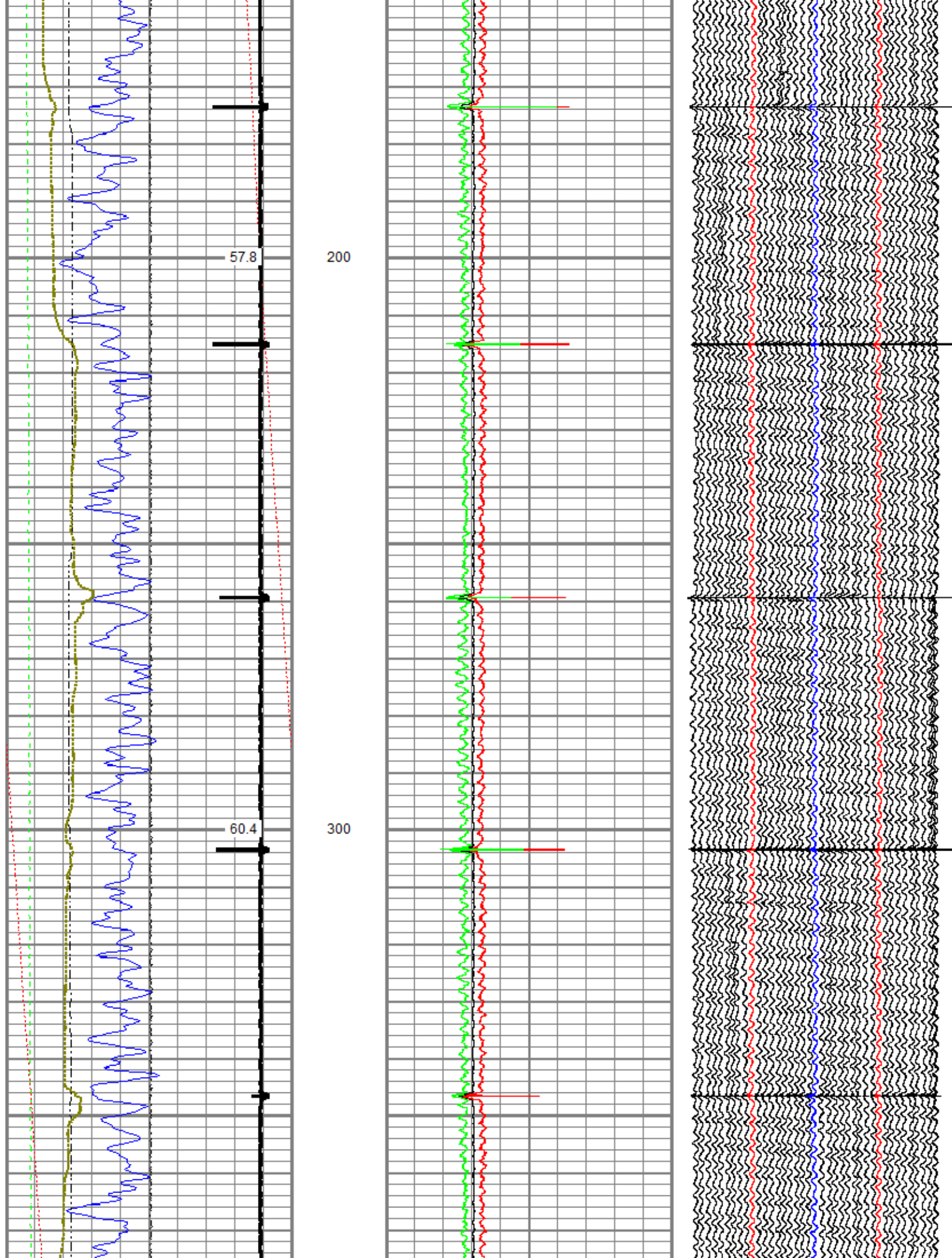
RELIANCE
OILFIELD SERVICES

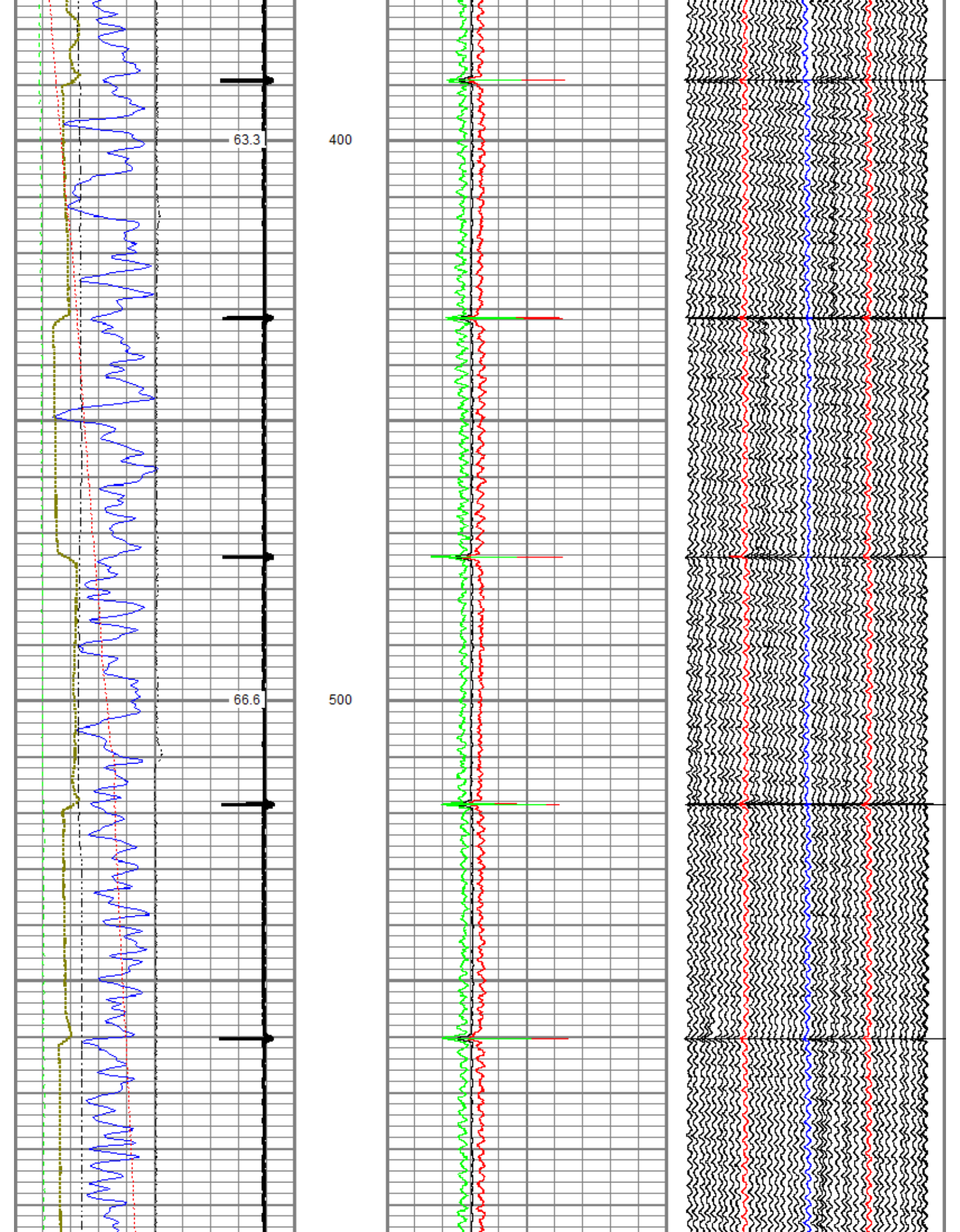
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 Dataset Pathname pass5
 Presentation Format ros_70mit40sx
 Dataset Creation Fri Dec 08 09:31:54 2017
 Charted by Depth in Feet scaled 1:240

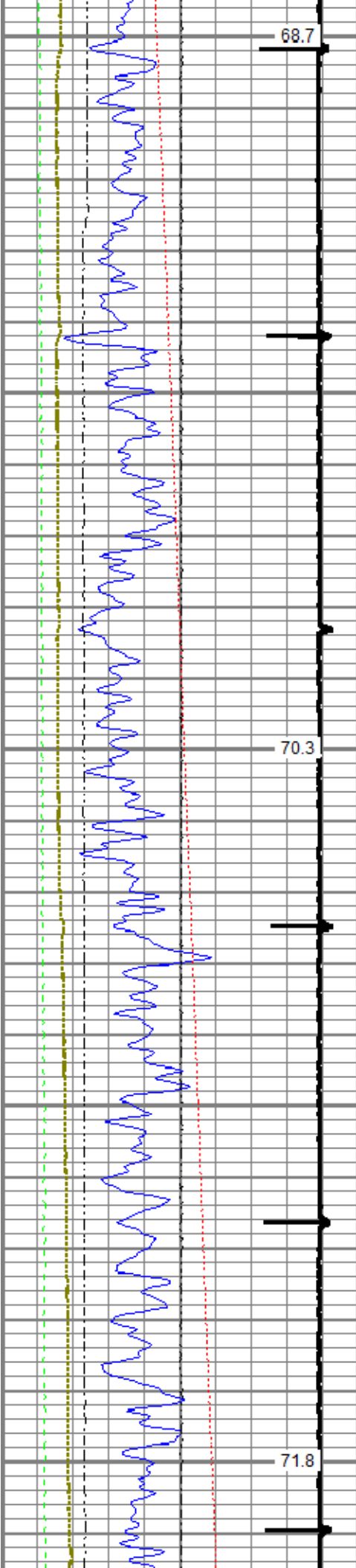
0	Gamma Ray (GAPI)	120
-100	Line Speed (ft/min)	100
-10	Deviation (deg)	90
0	Line Tension (lb)	2000
-2	Differential Temperature (degF)	2
0	Temperature (degF)	20
Casing Collar Locator		

6	Average Diameter (in)	7	Caliper #10
6	Maximum Diameter (in)	7	Caliper #20
6	Minimum Diameter (in)	7	Caliper #30





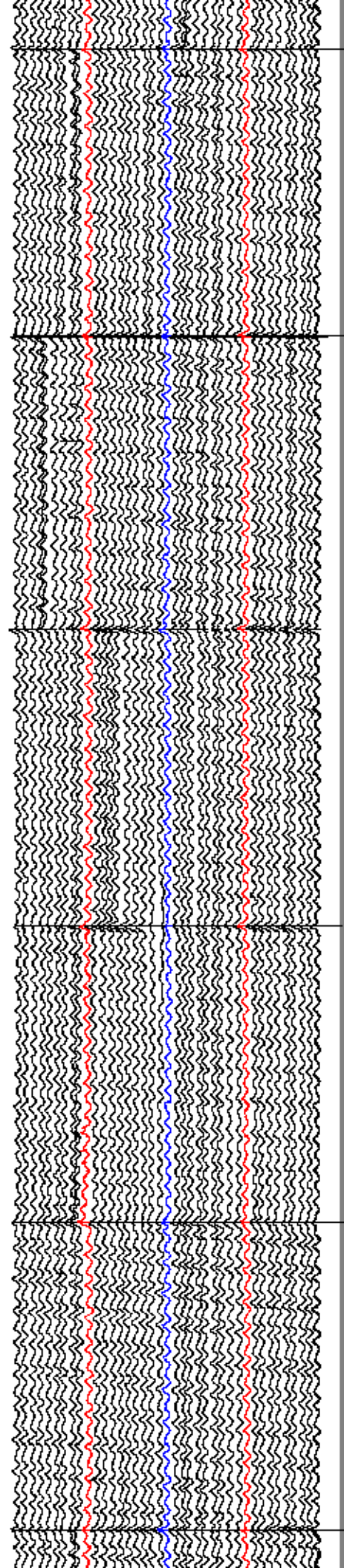
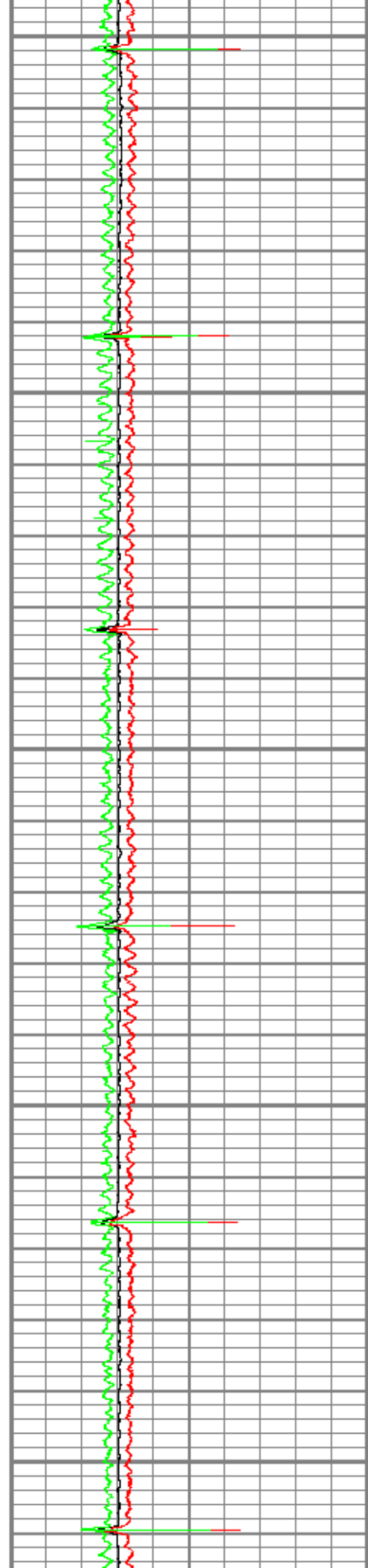


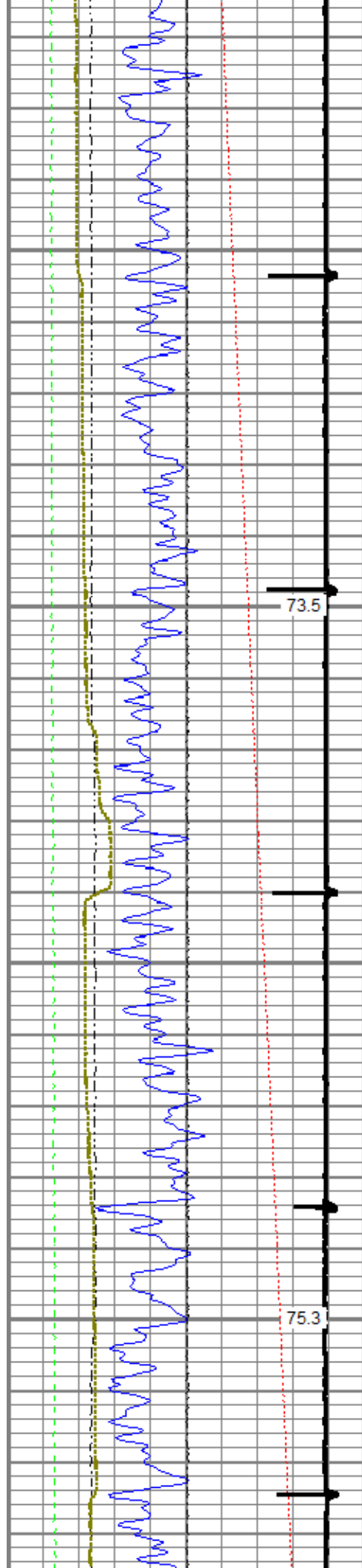


600

700

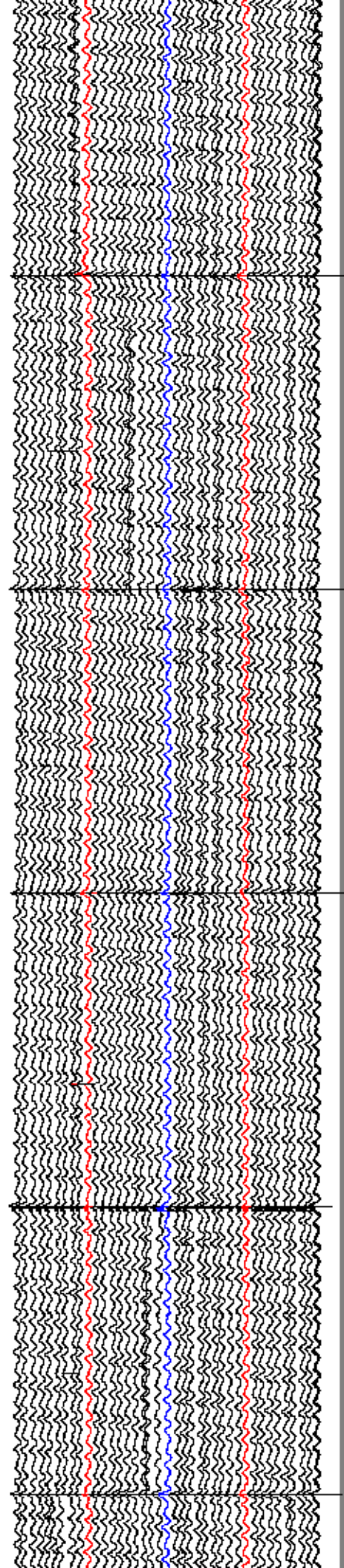
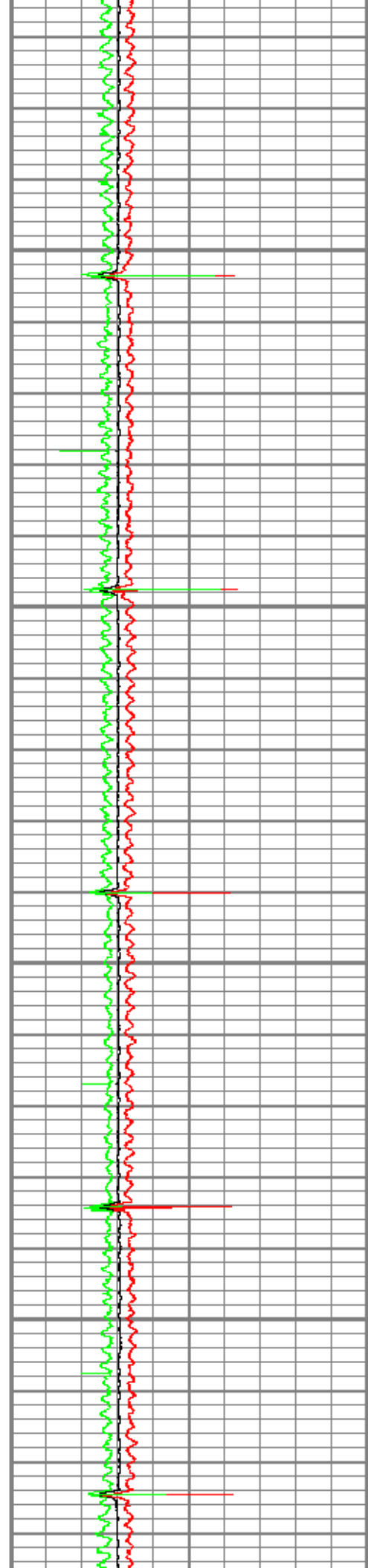
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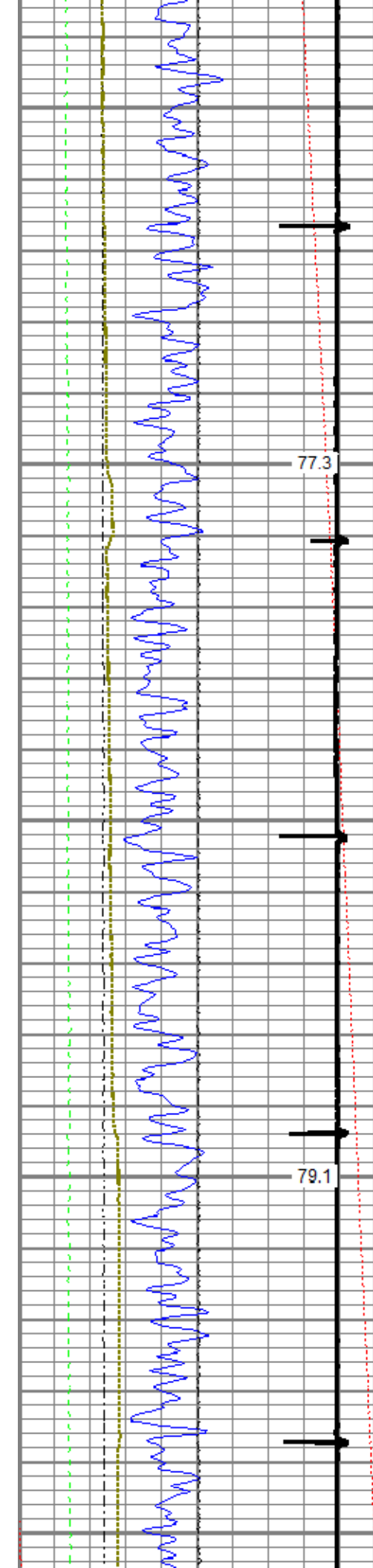




900

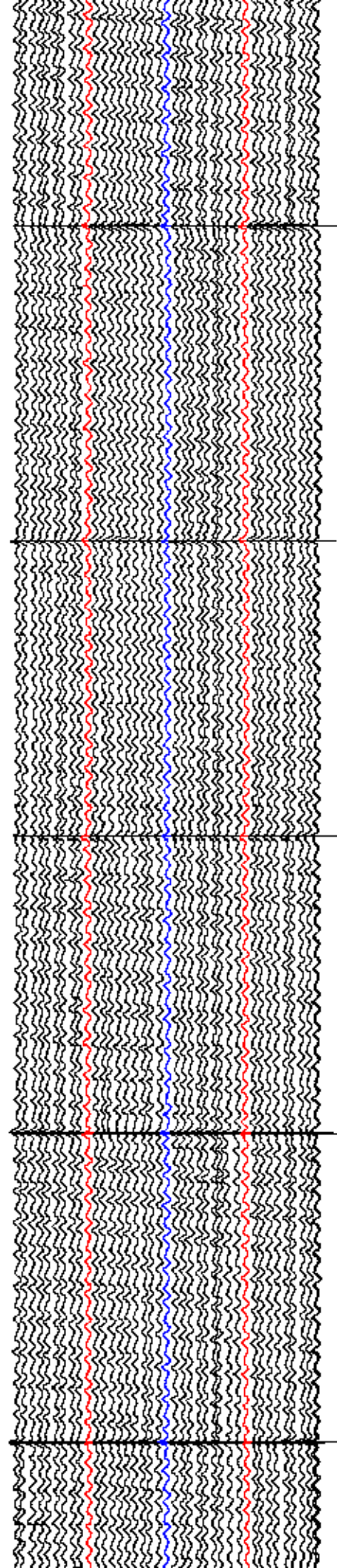
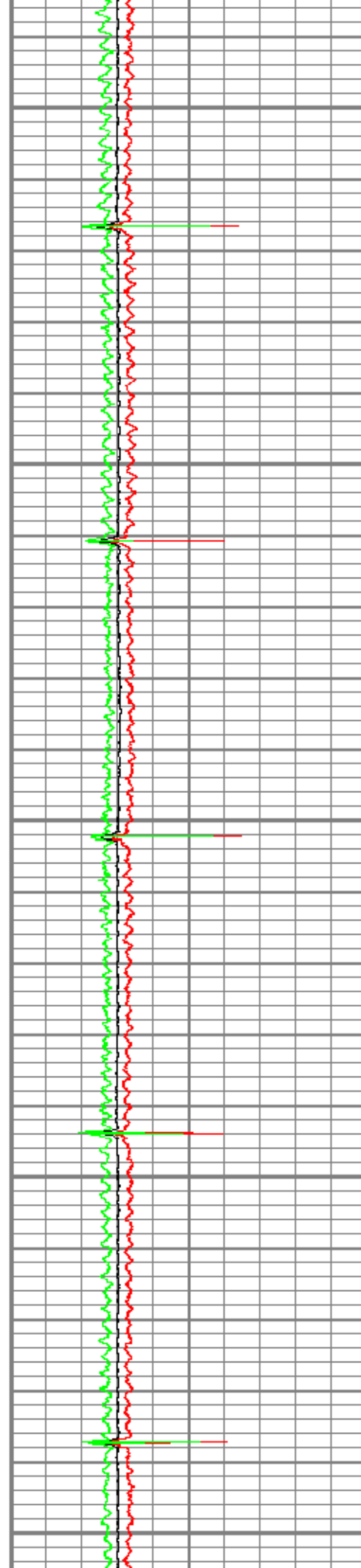
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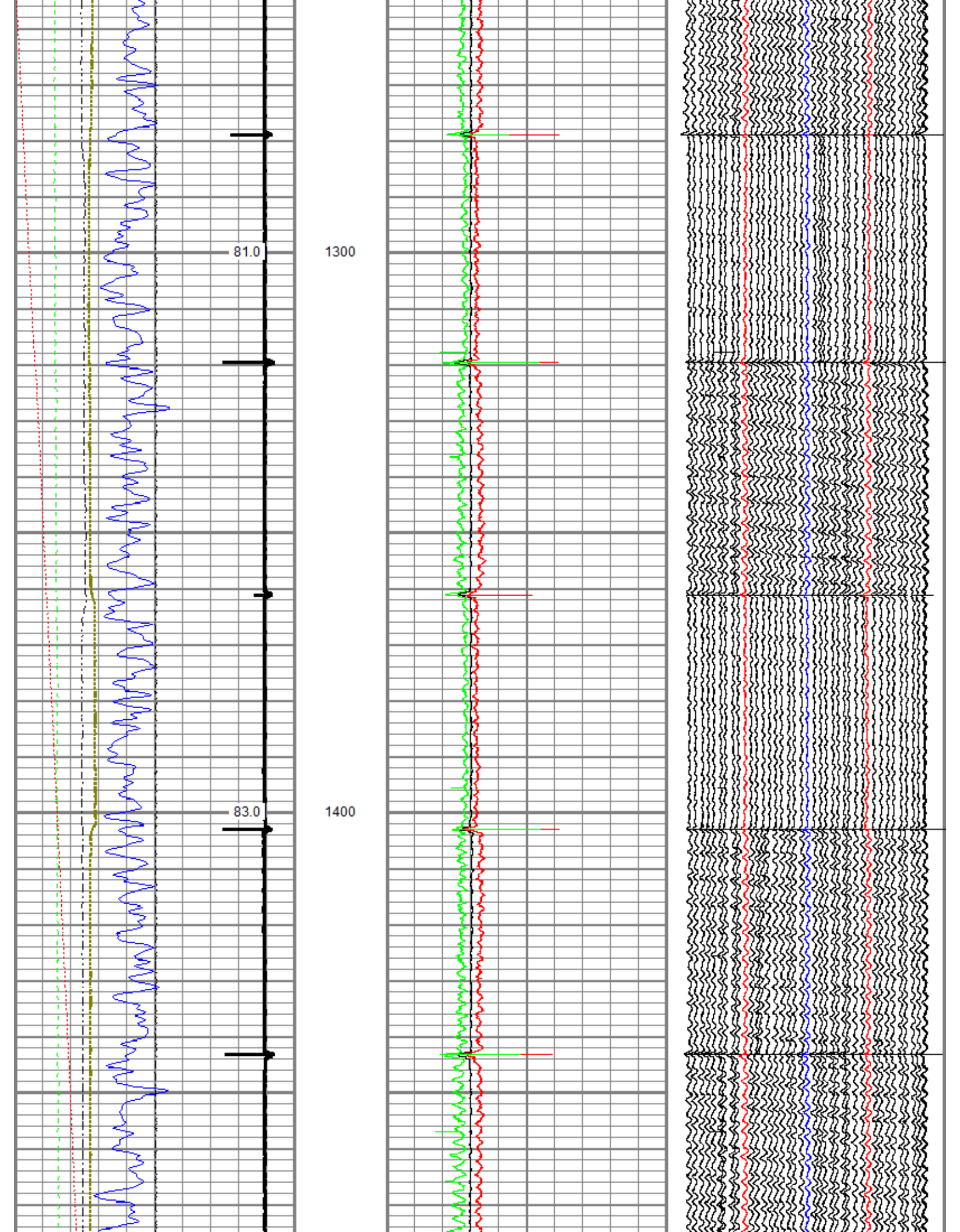


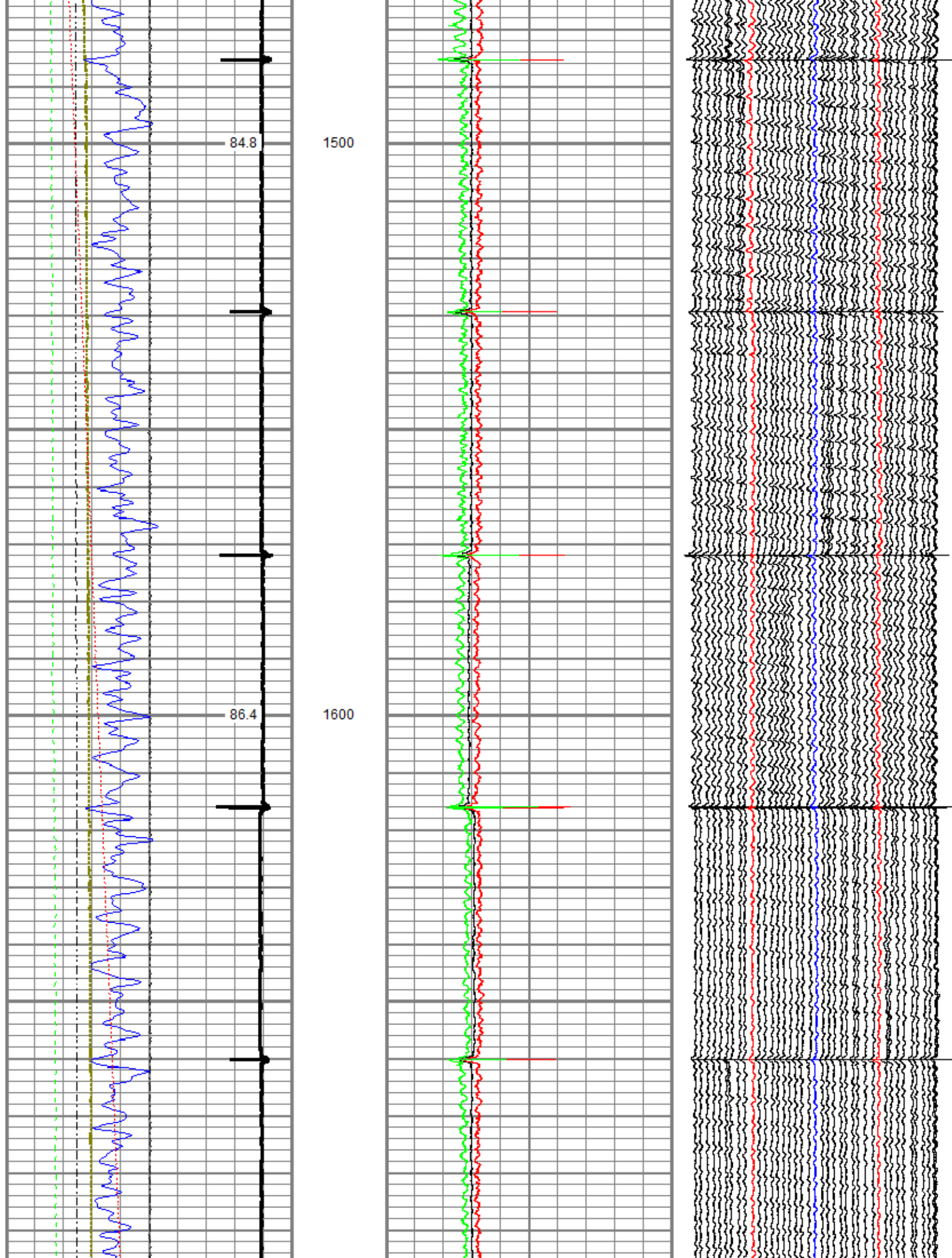


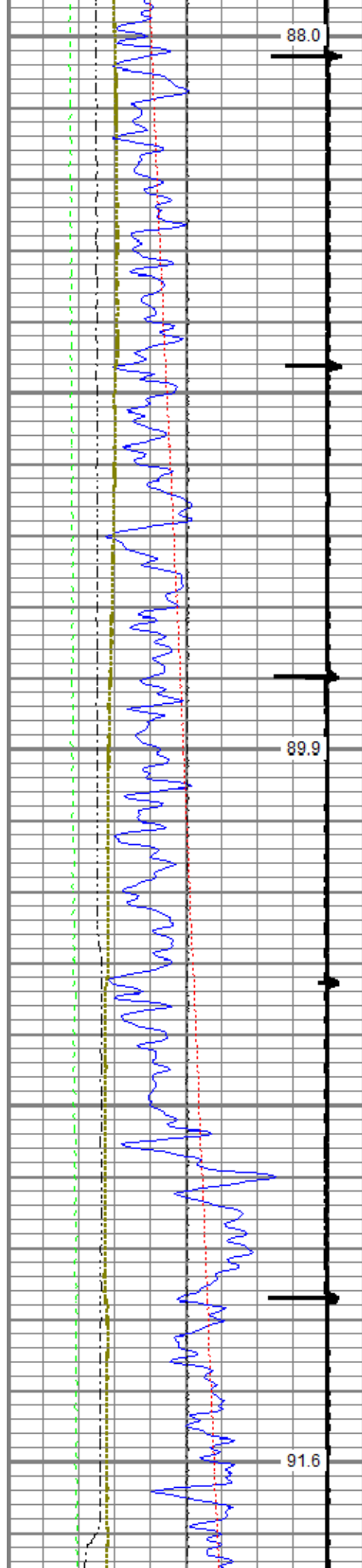
1100

1200





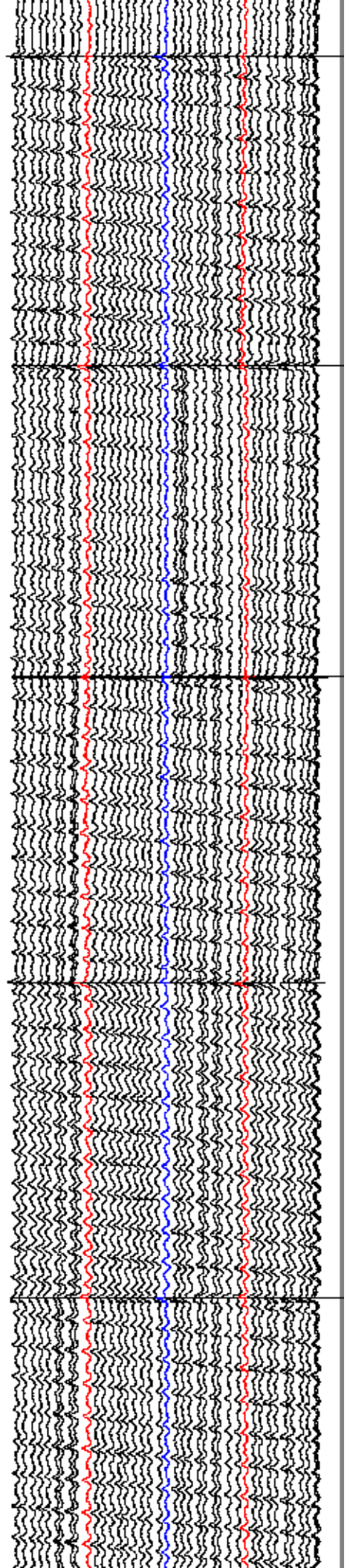
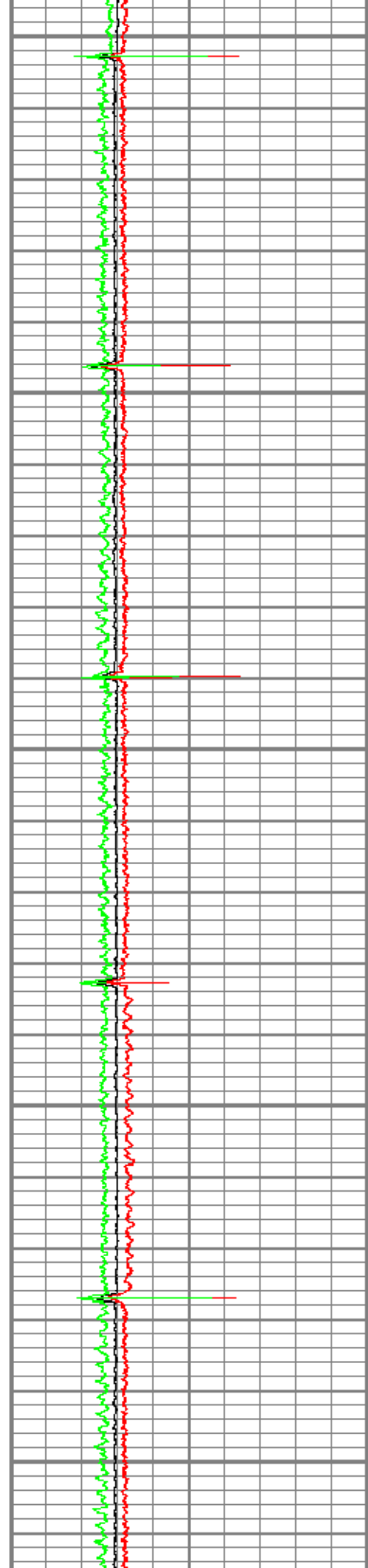


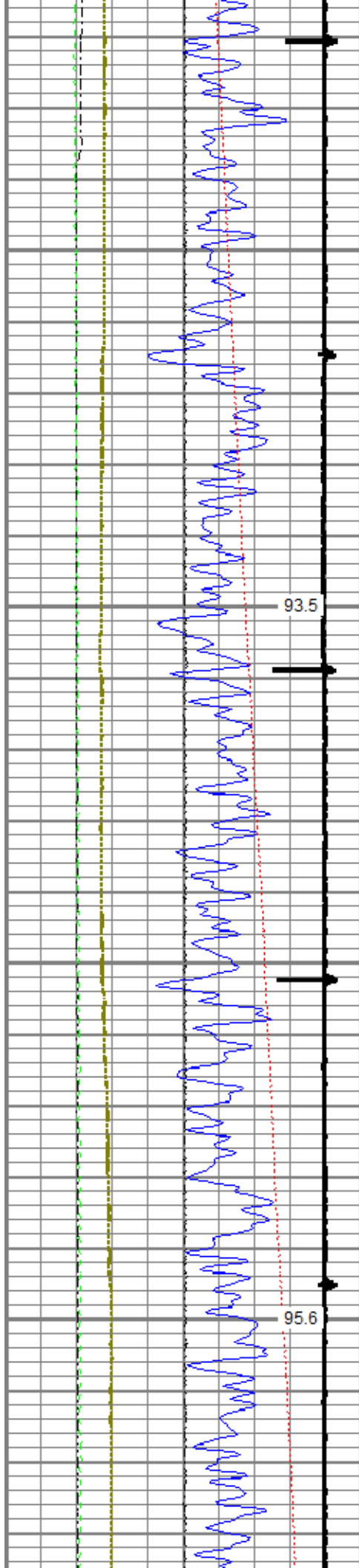


1700

1800

1900



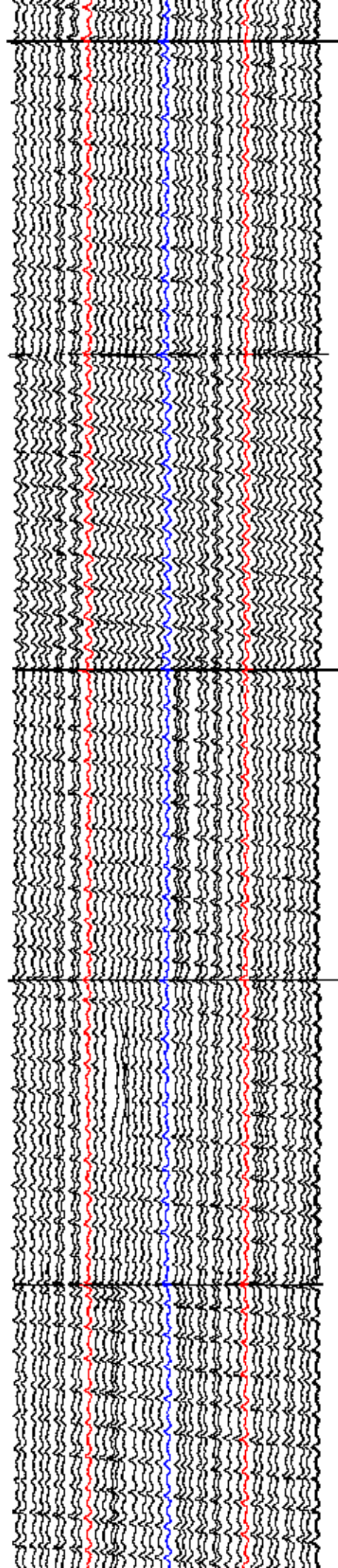
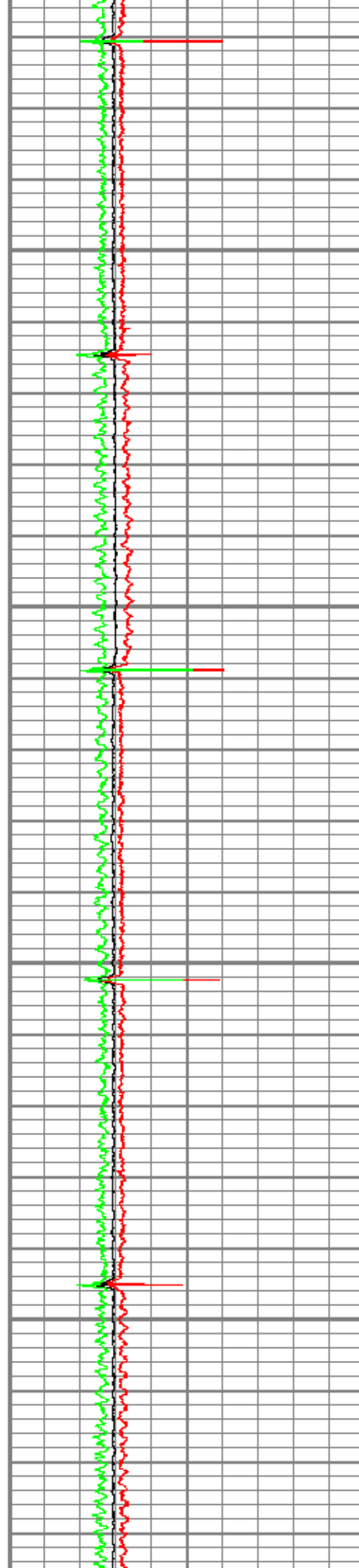


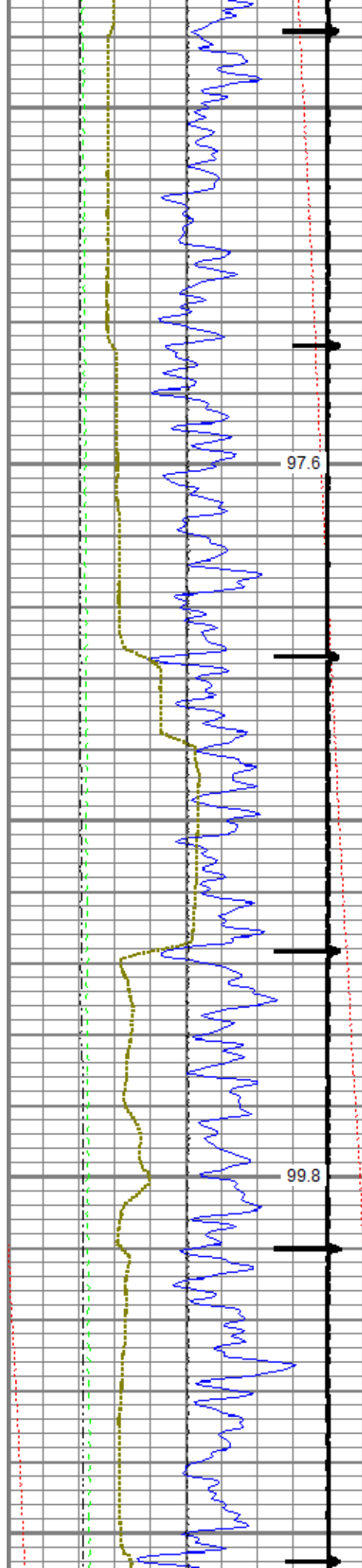
93.5

2000

95.6

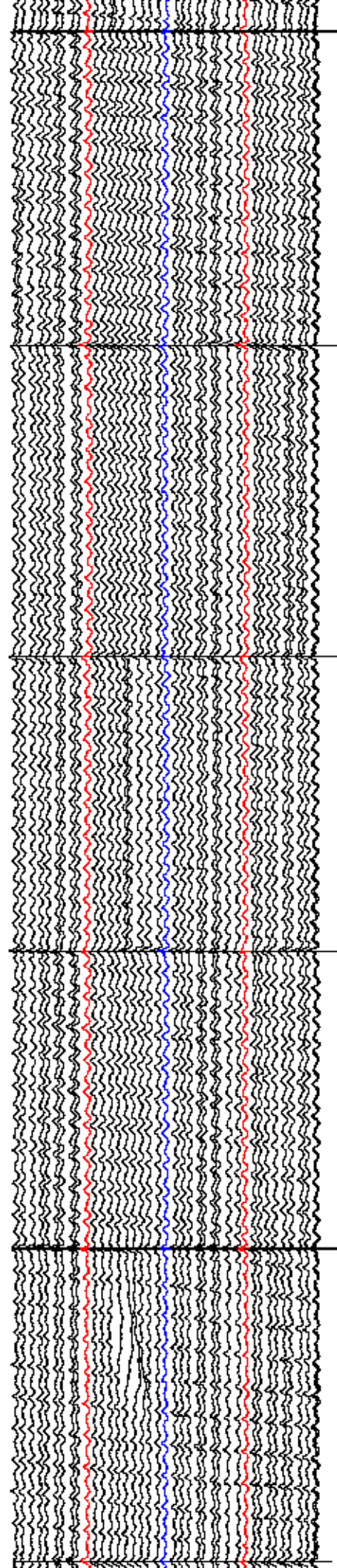
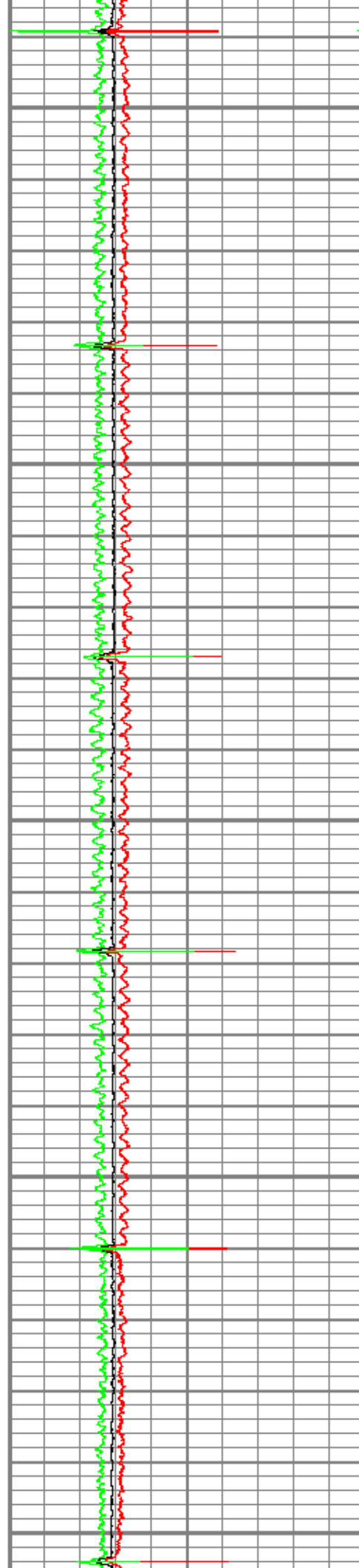
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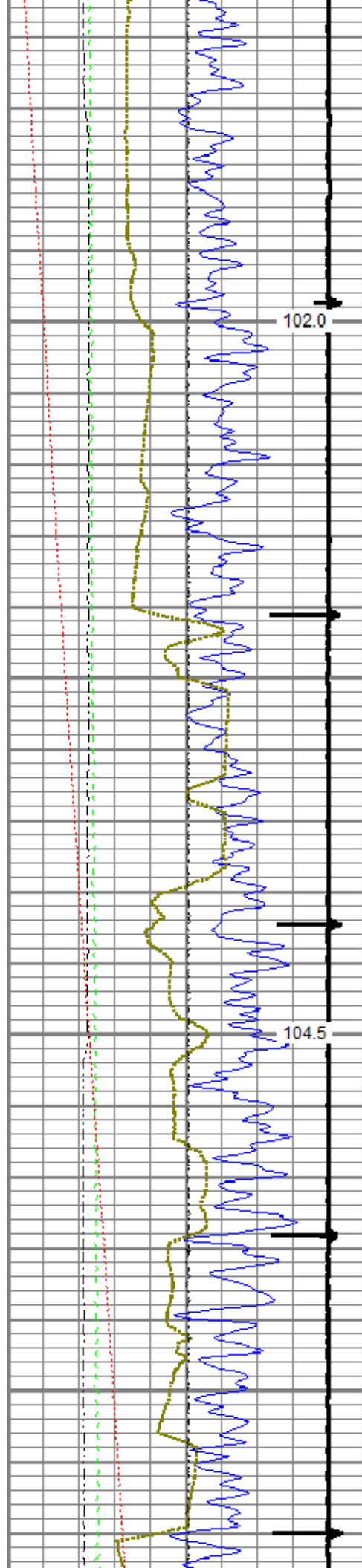




2200

2300



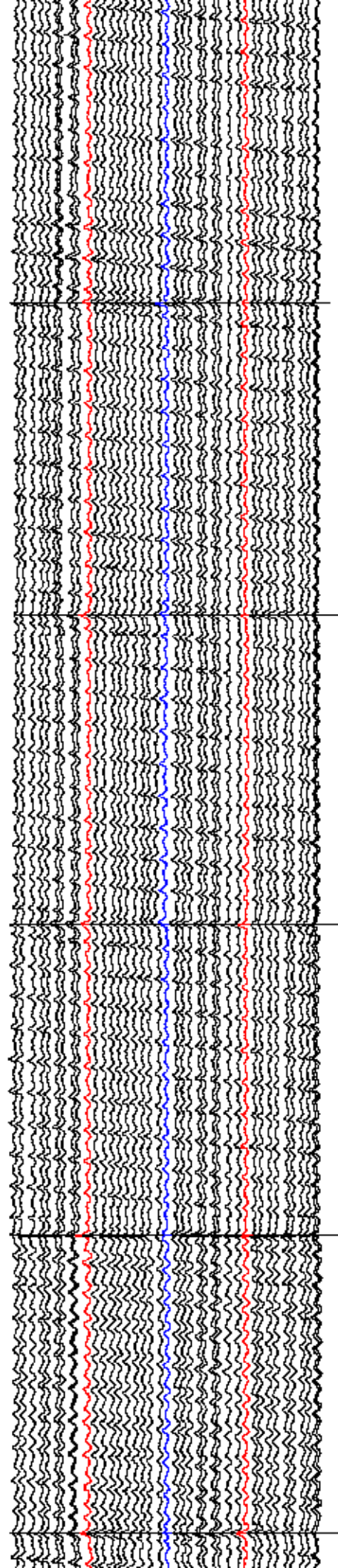
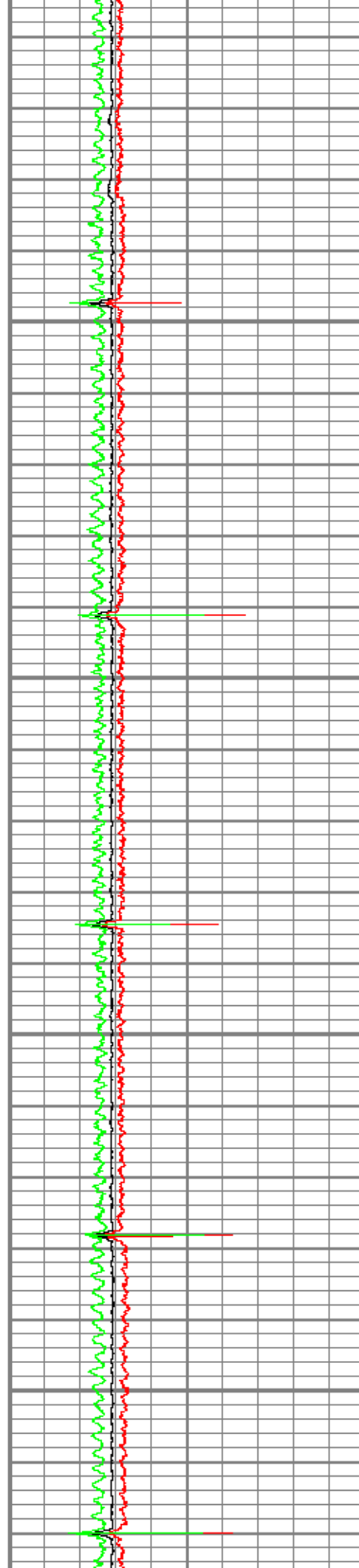


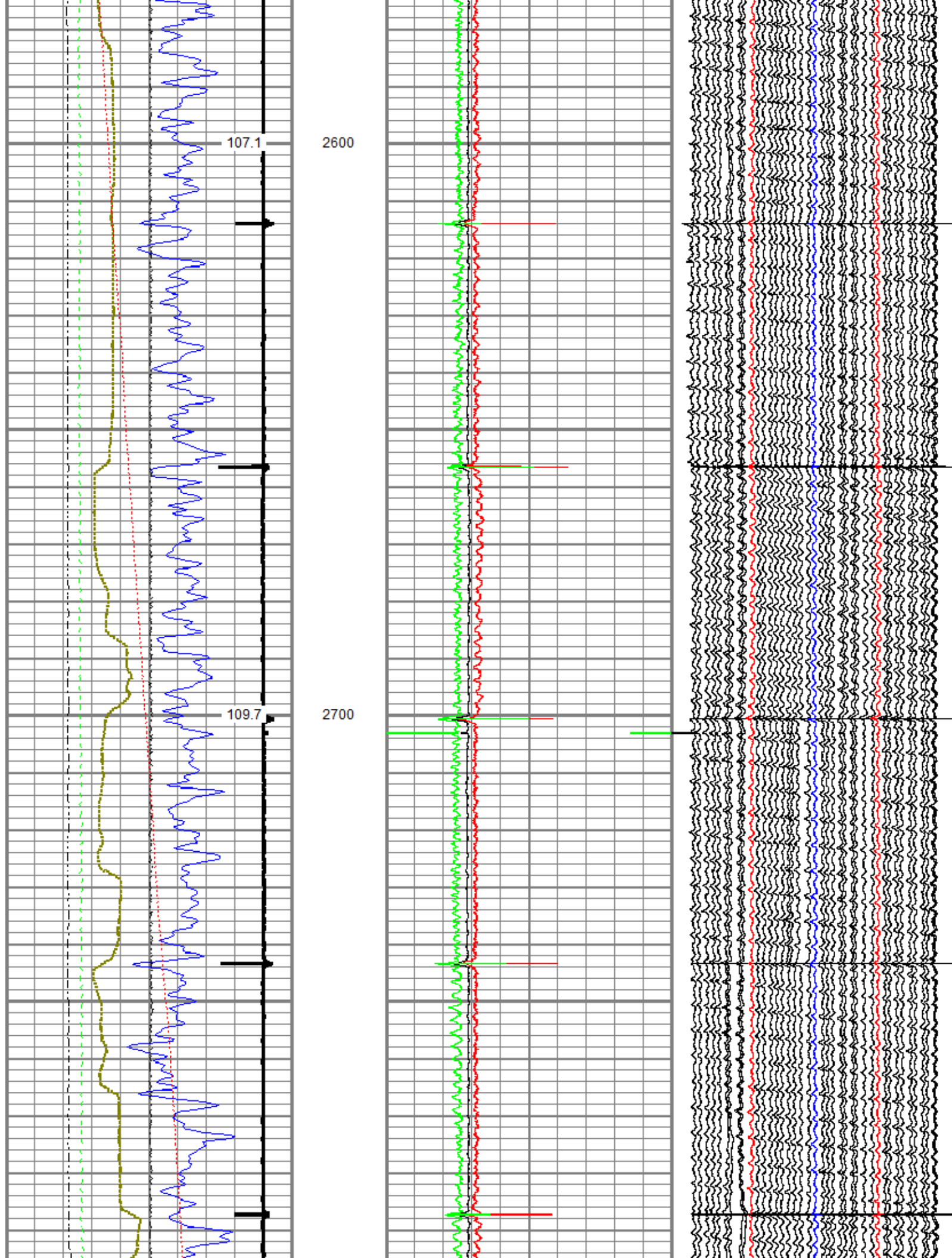
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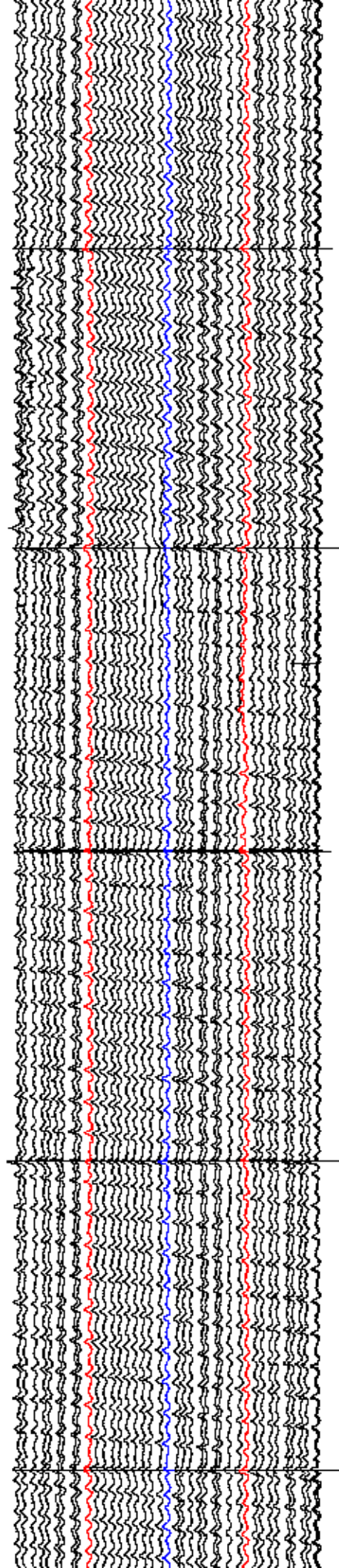
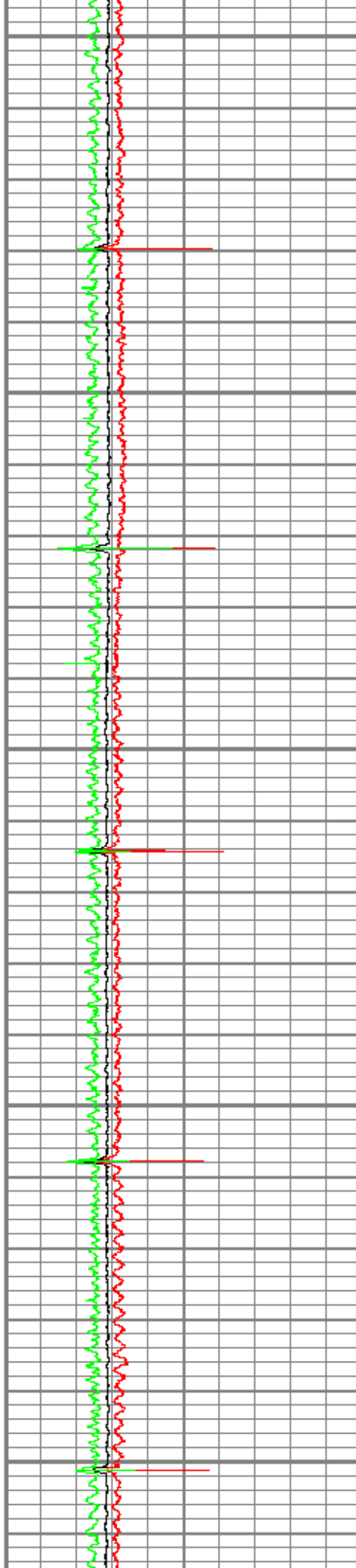
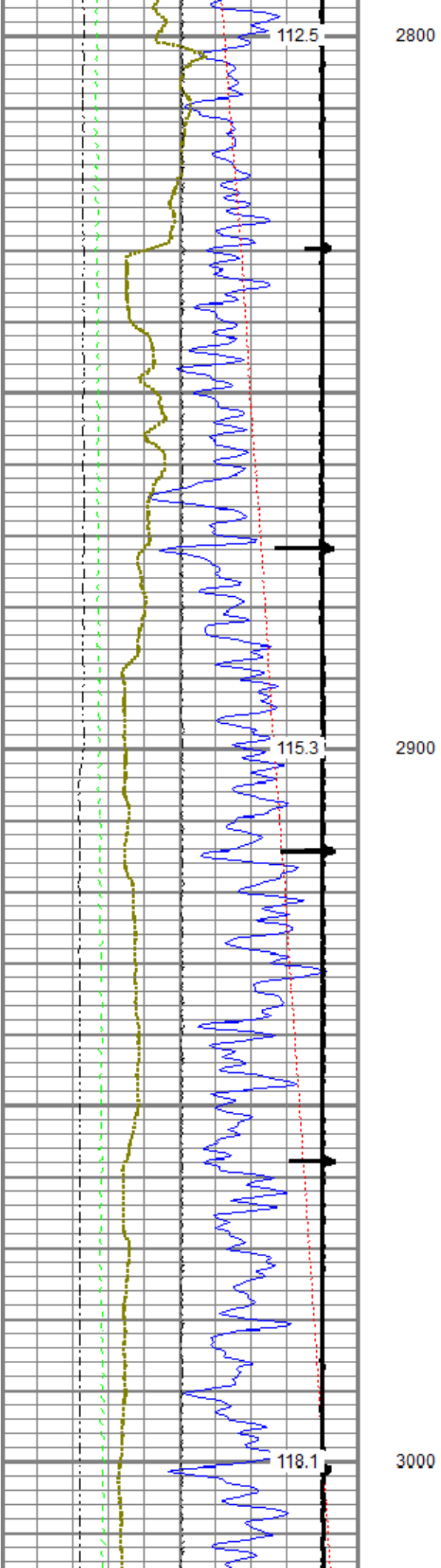
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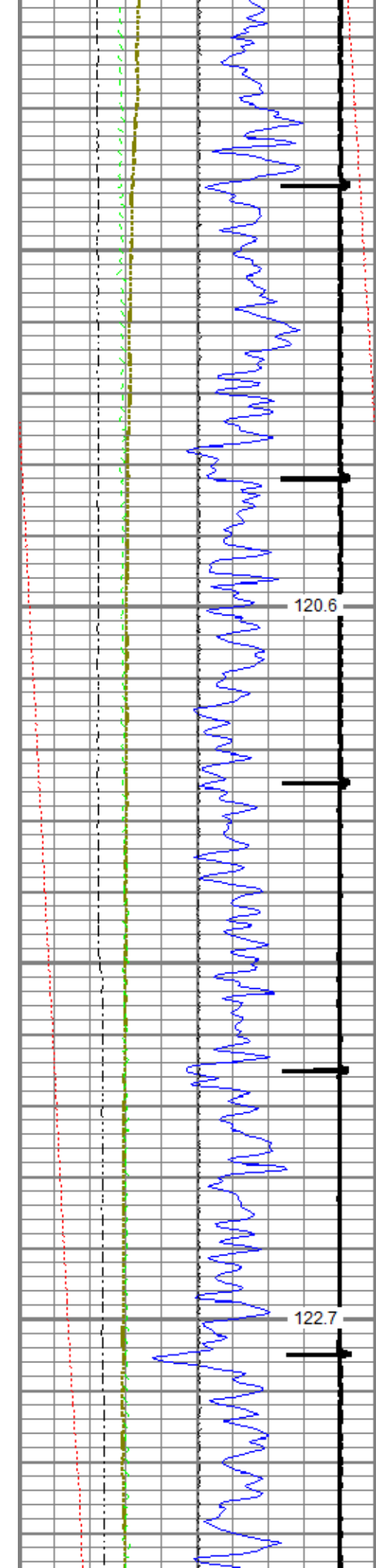
104.5

2500



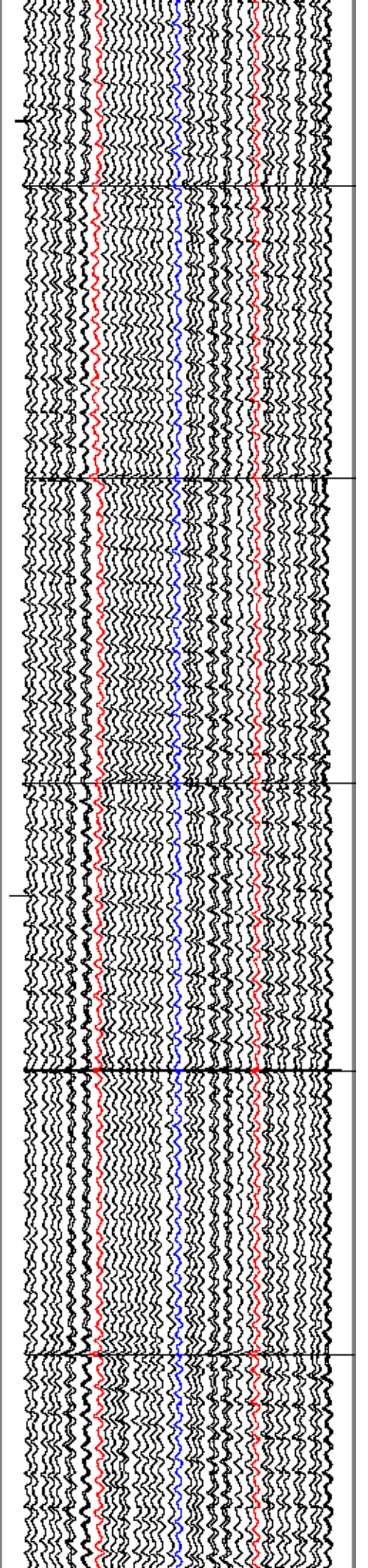
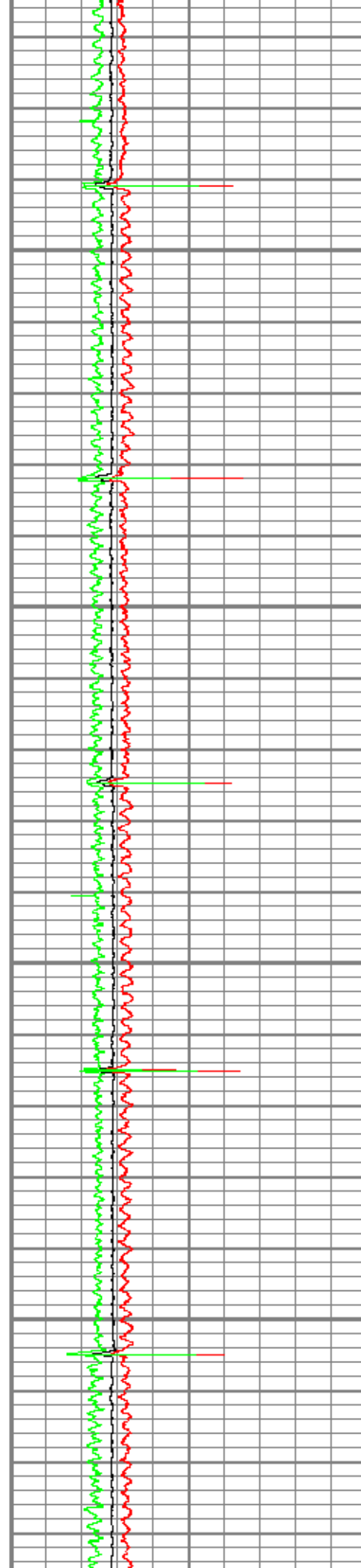


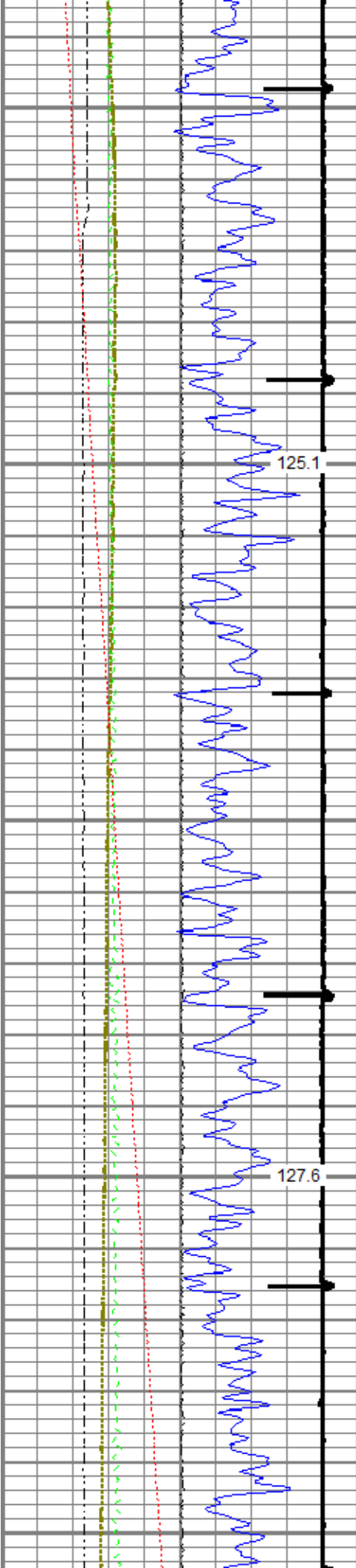




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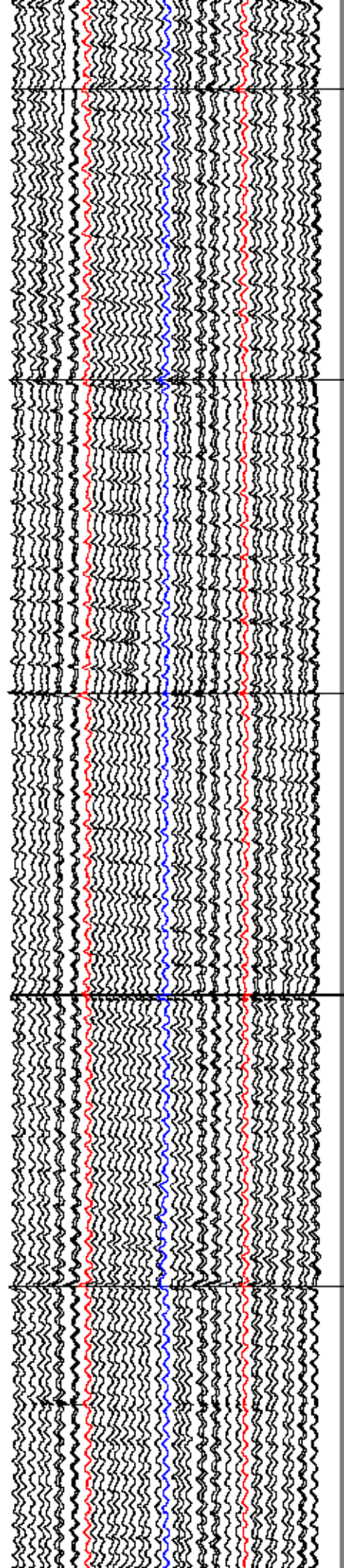
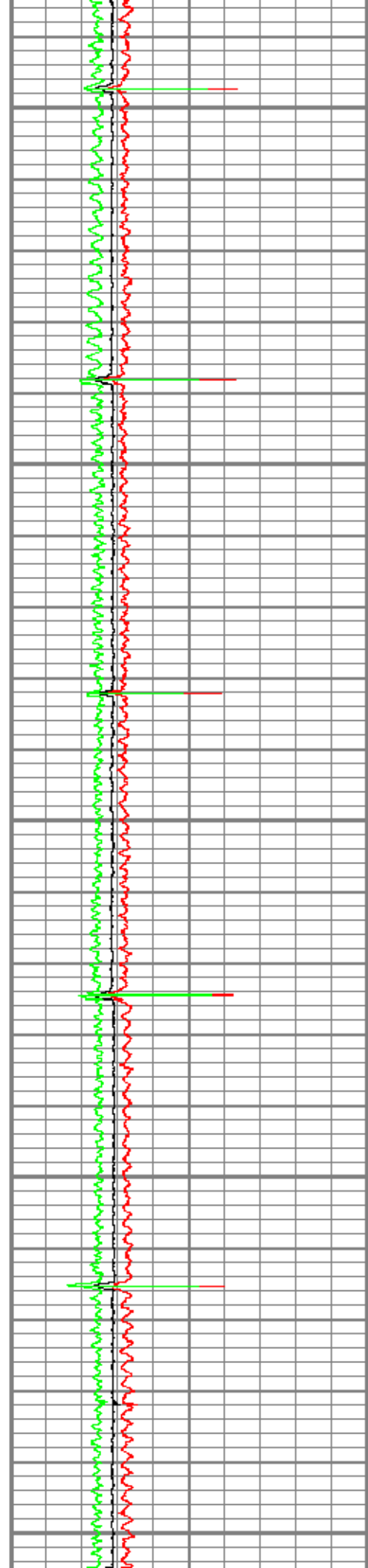
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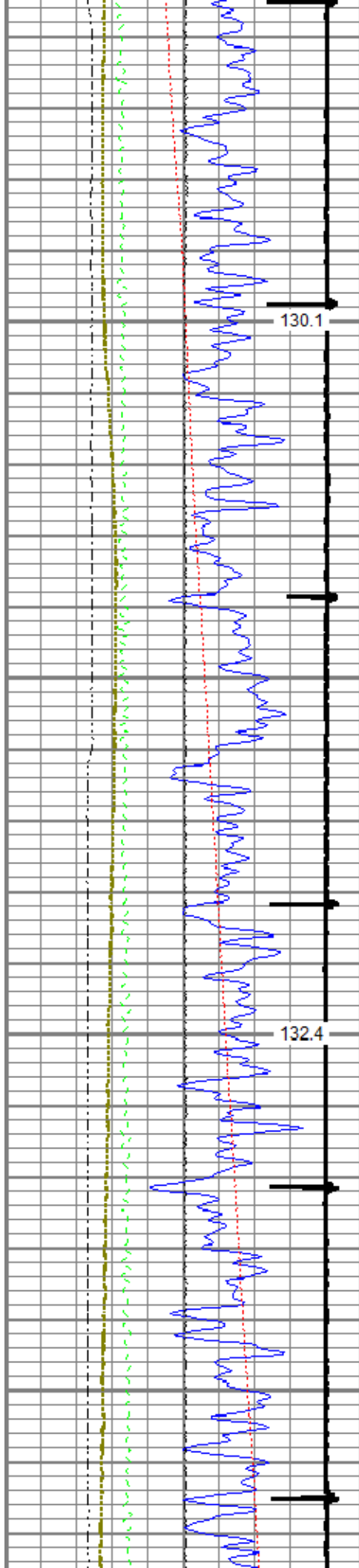




3300

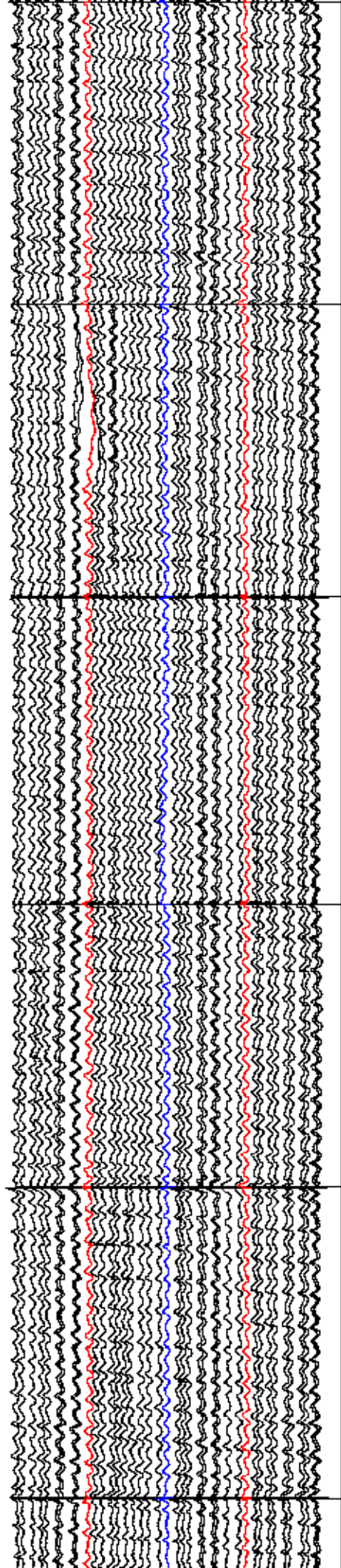
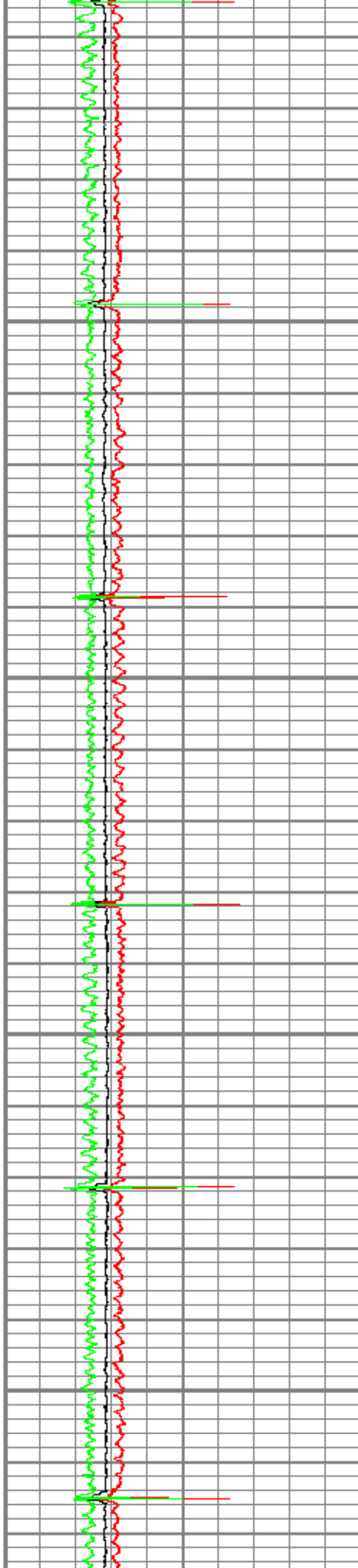
3400

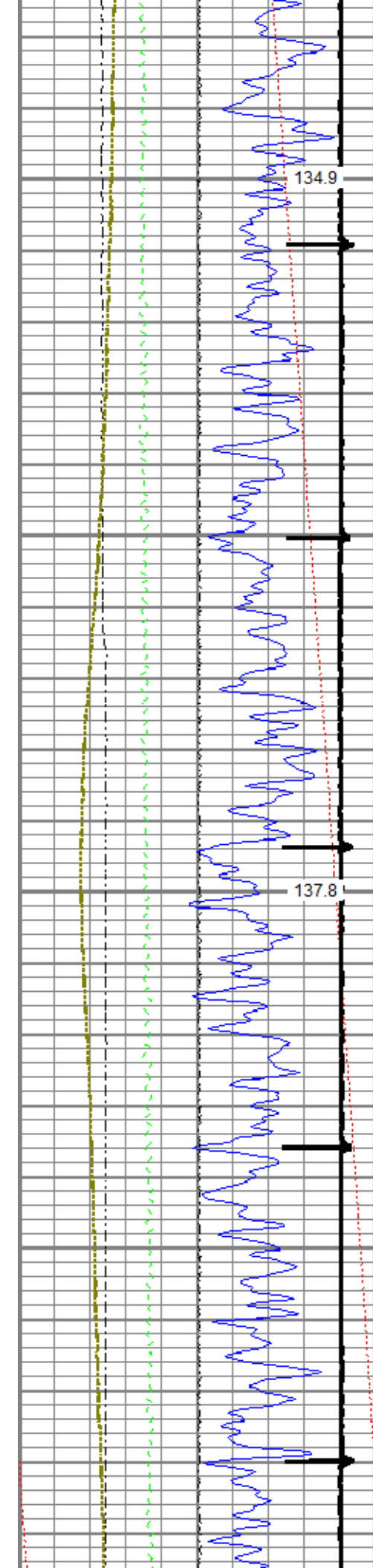




3500

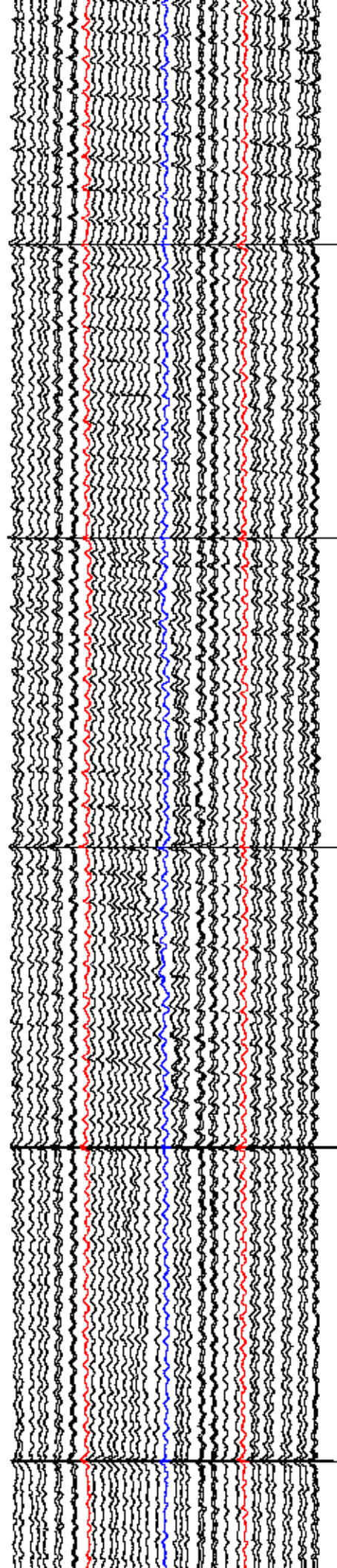
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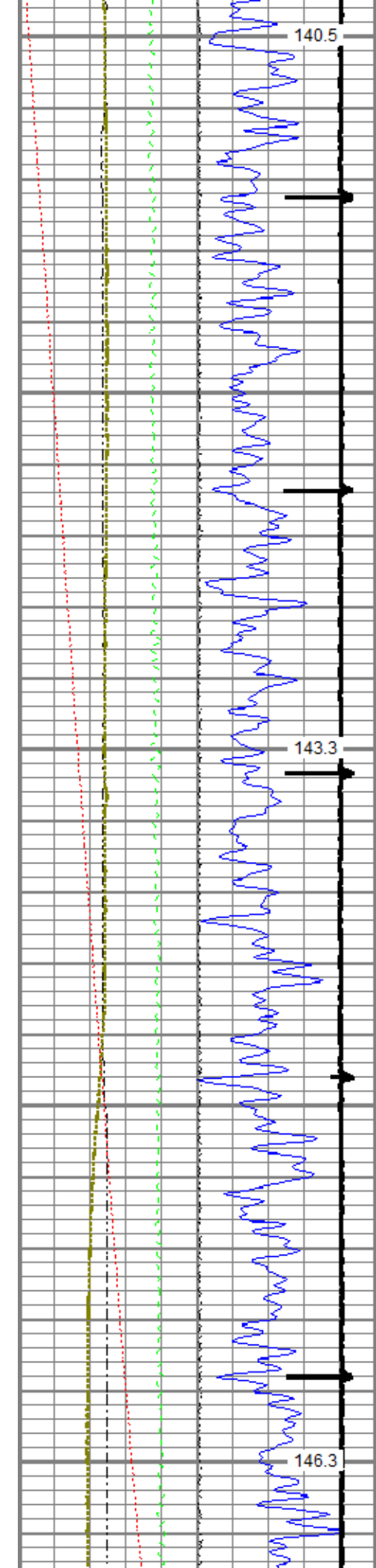




3700

3800

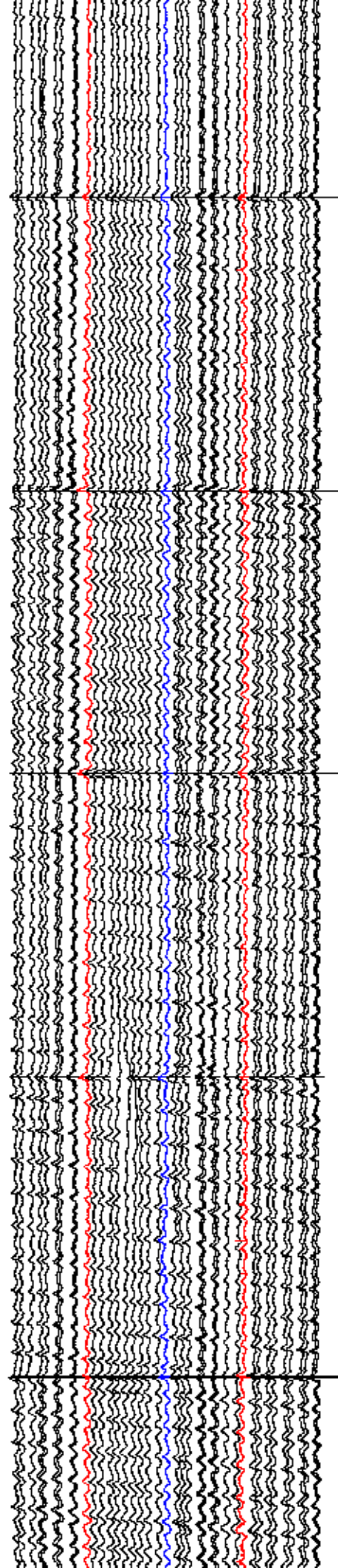
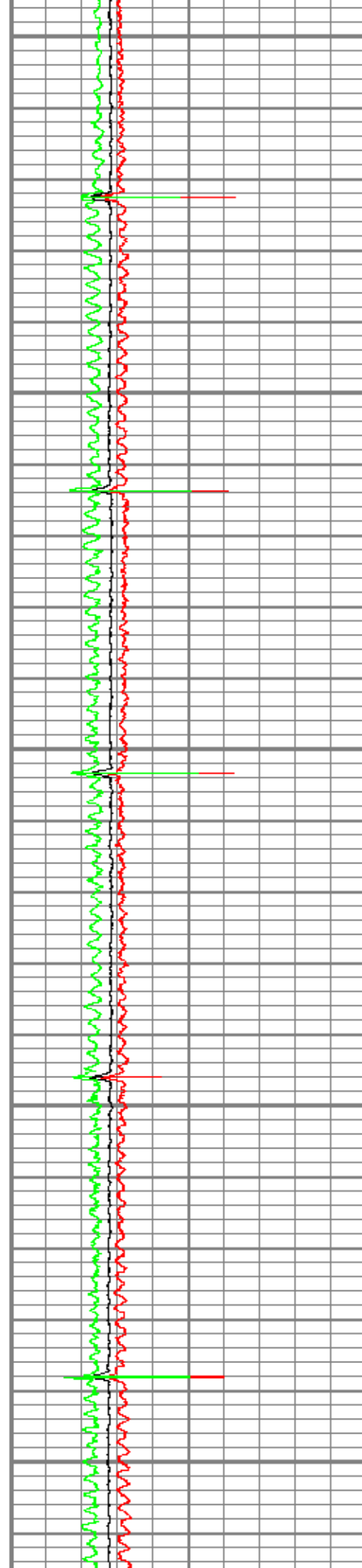


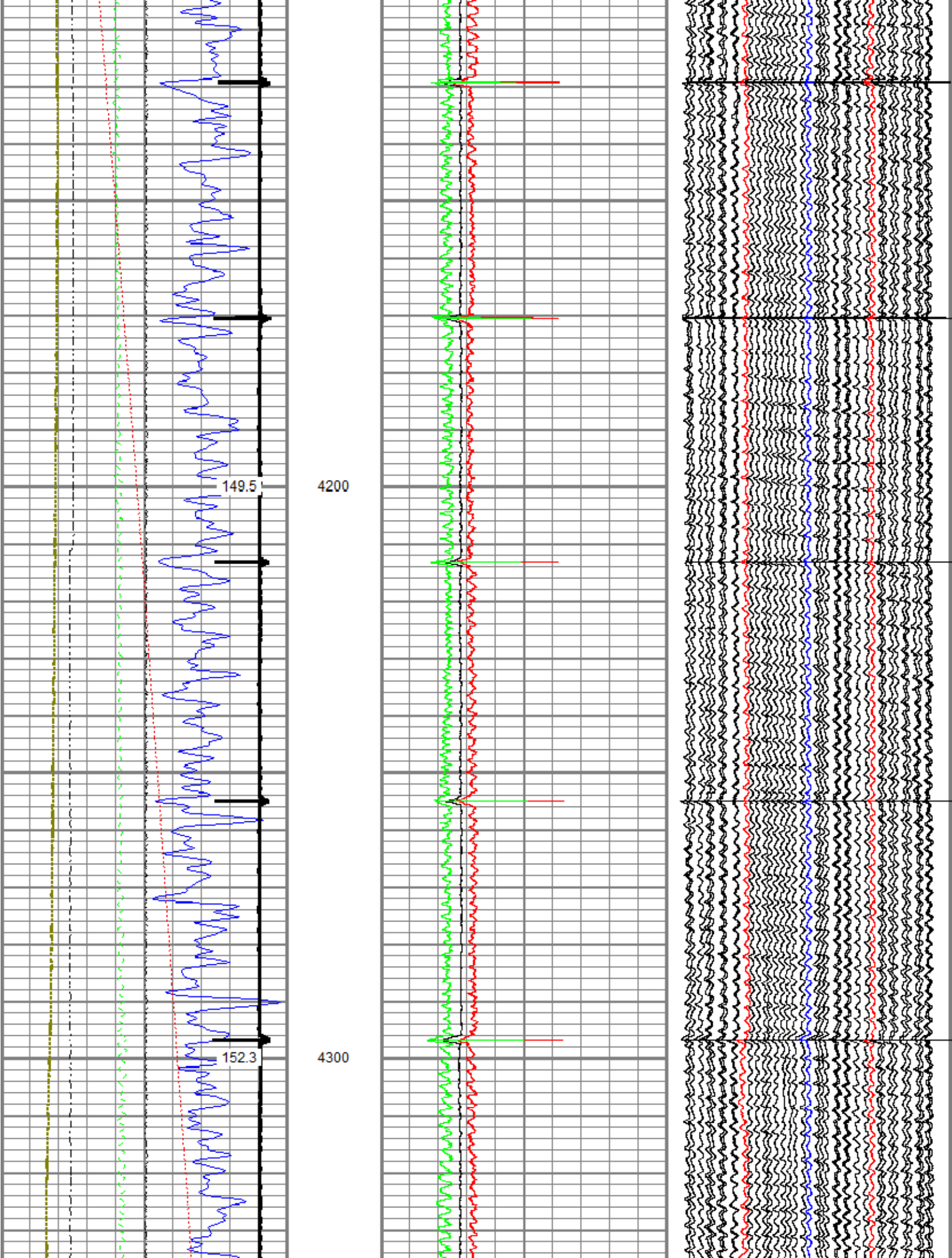


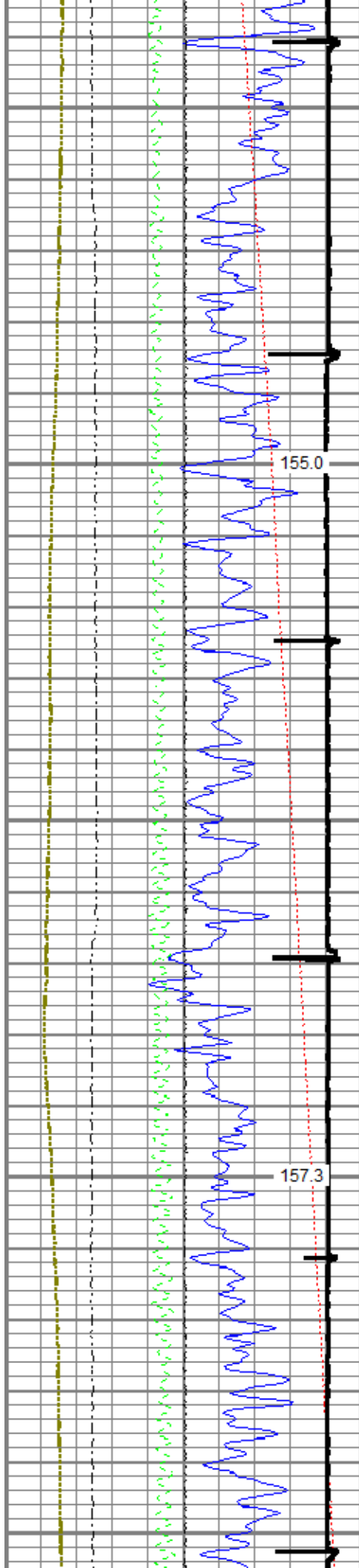
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4000

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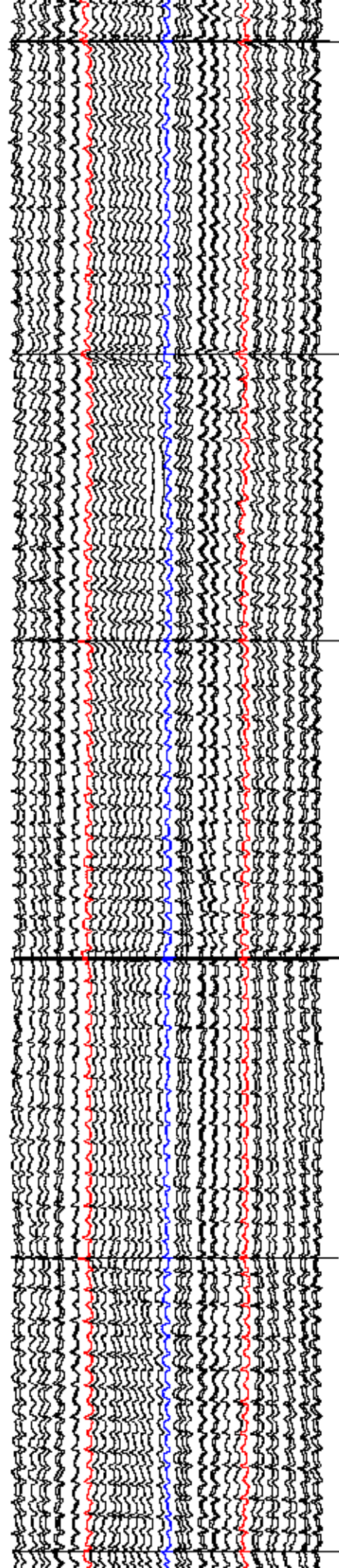
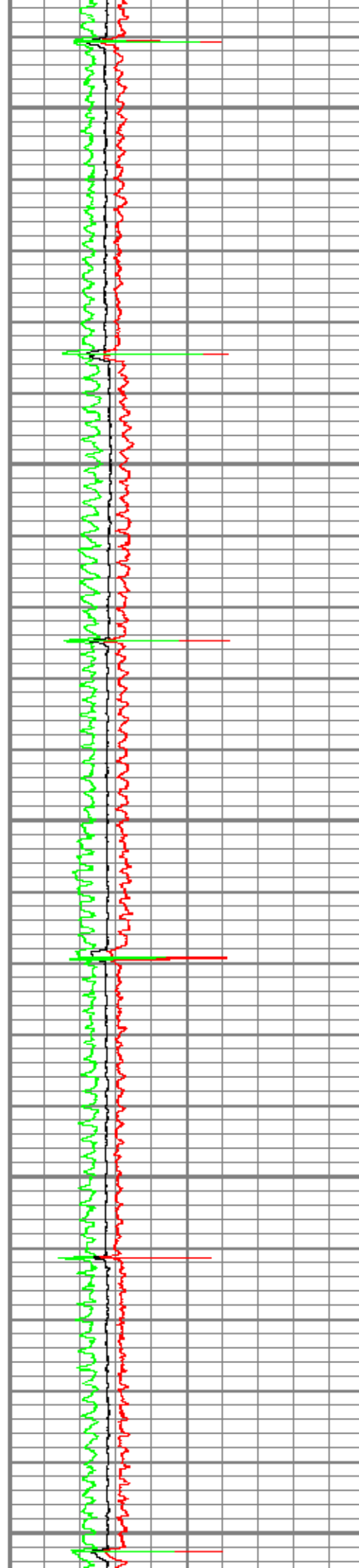


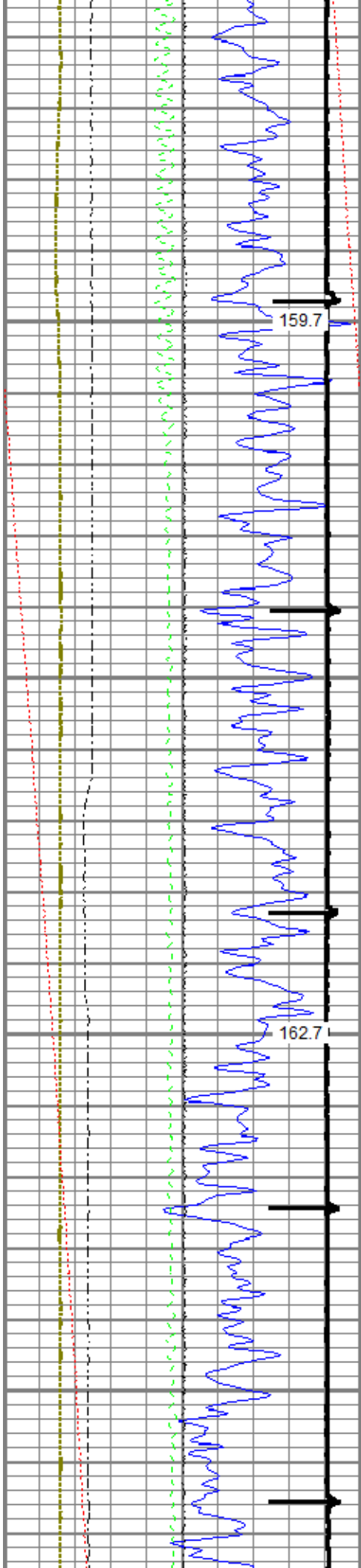




4400

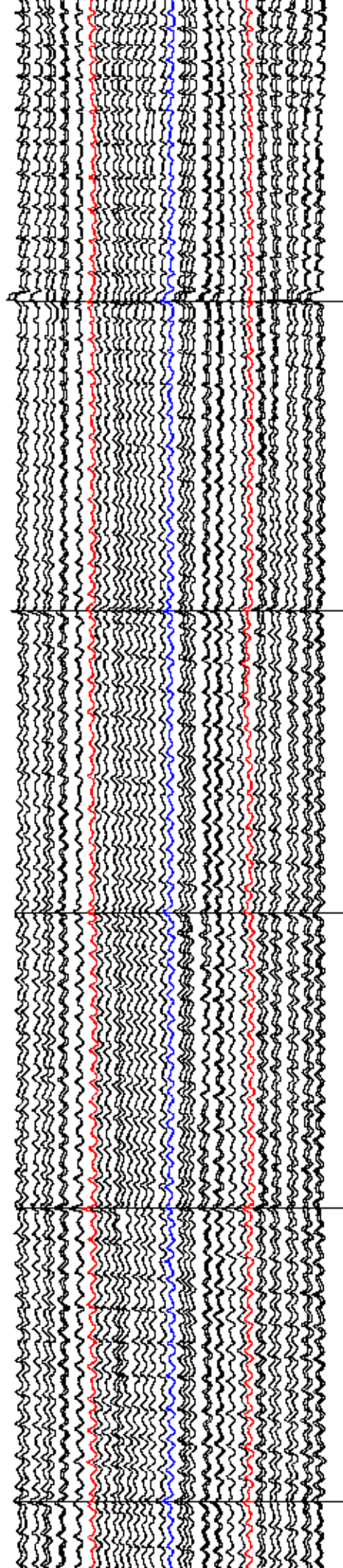
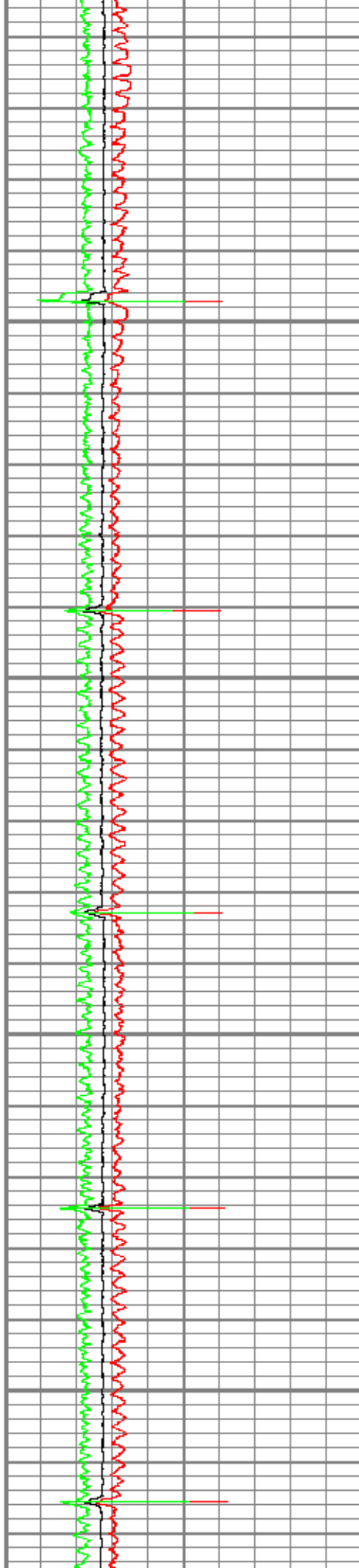
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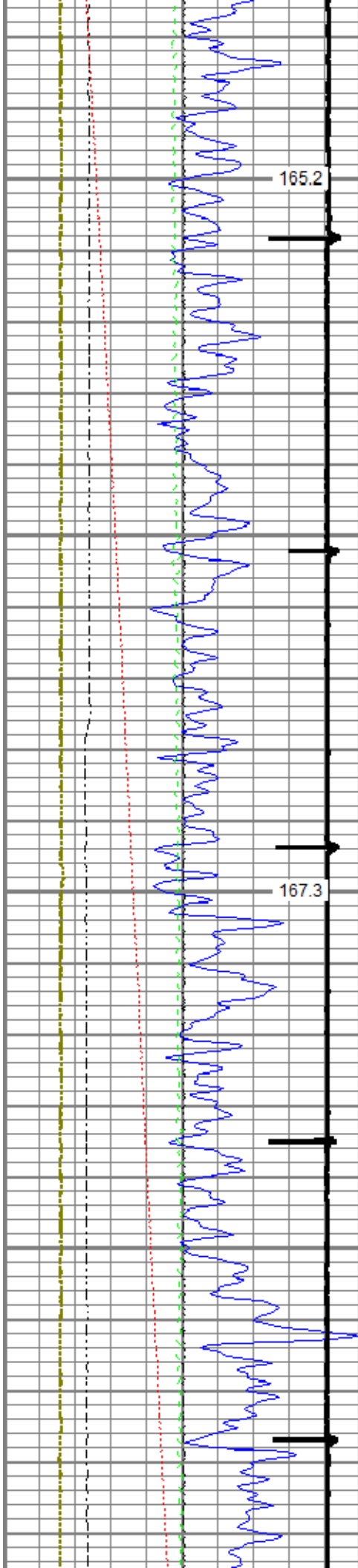




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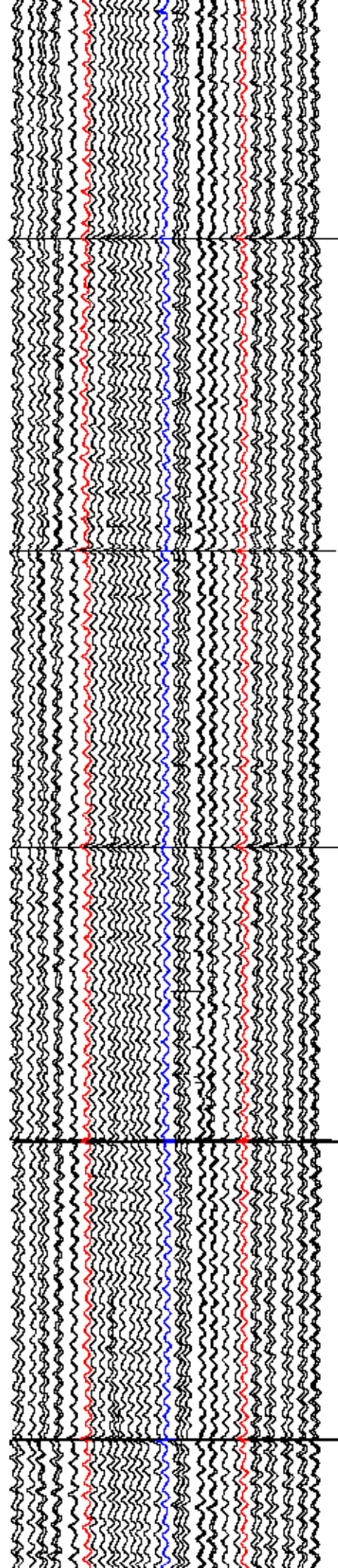
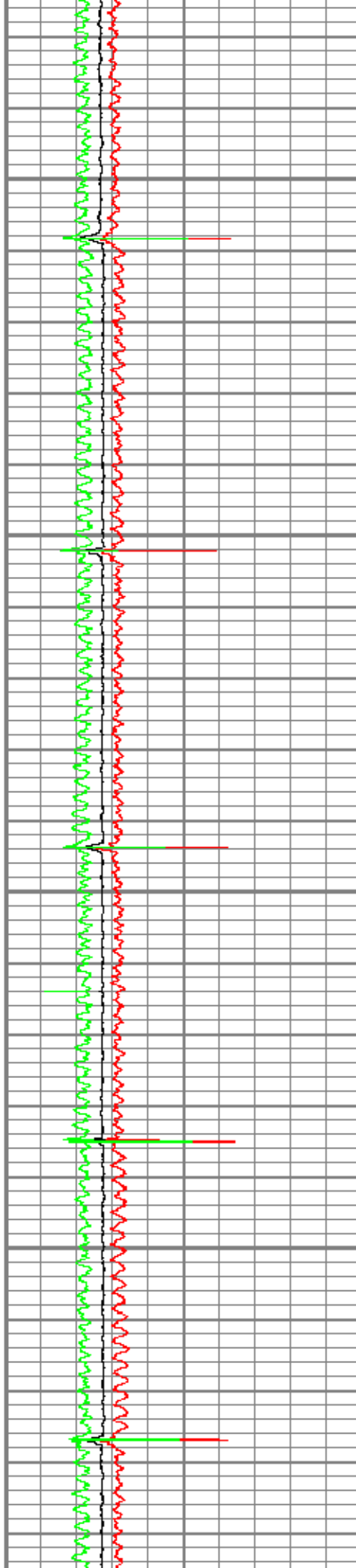
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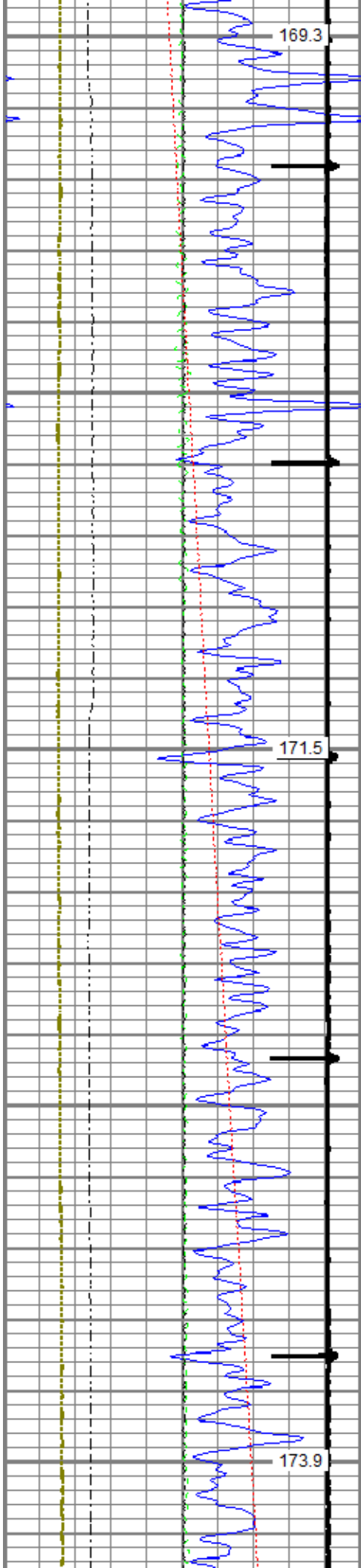




4800

4900

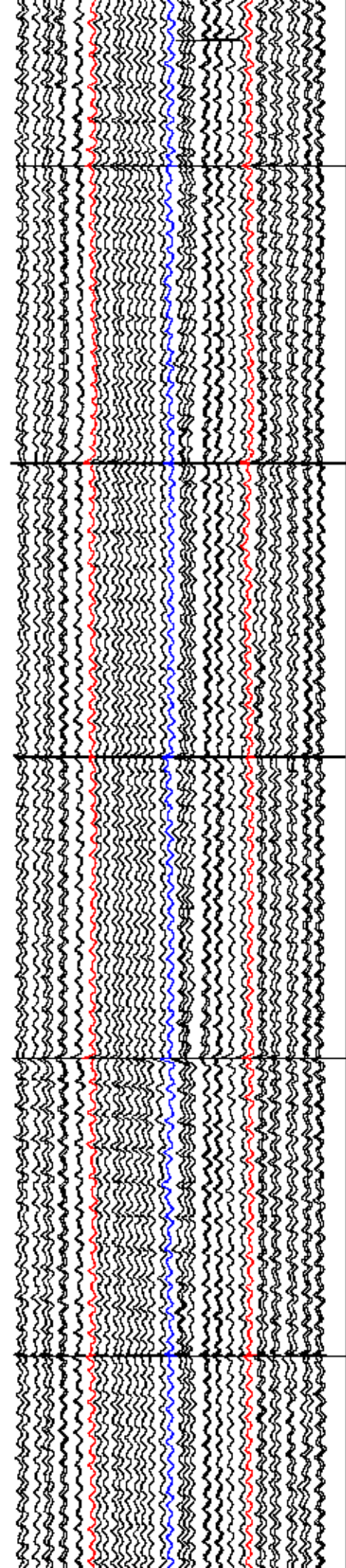


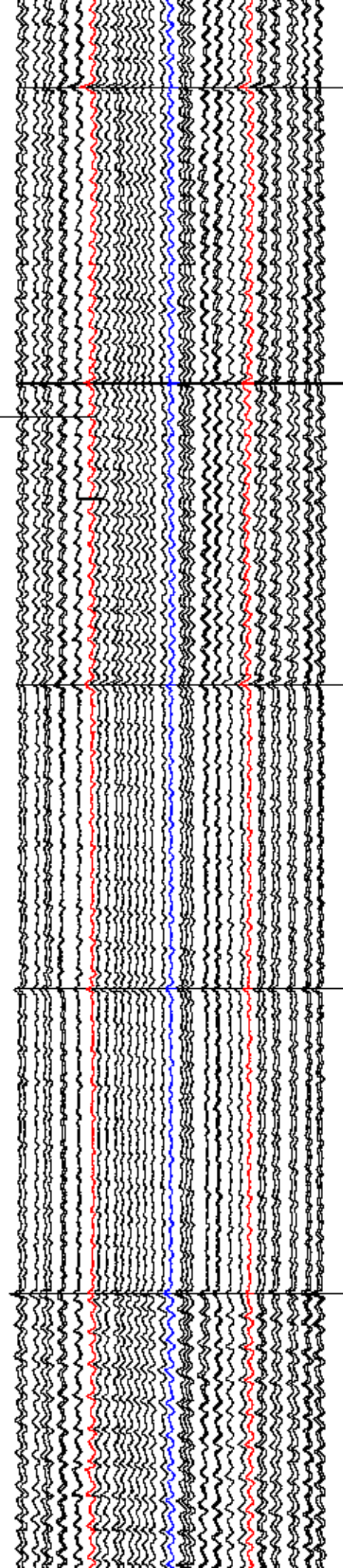
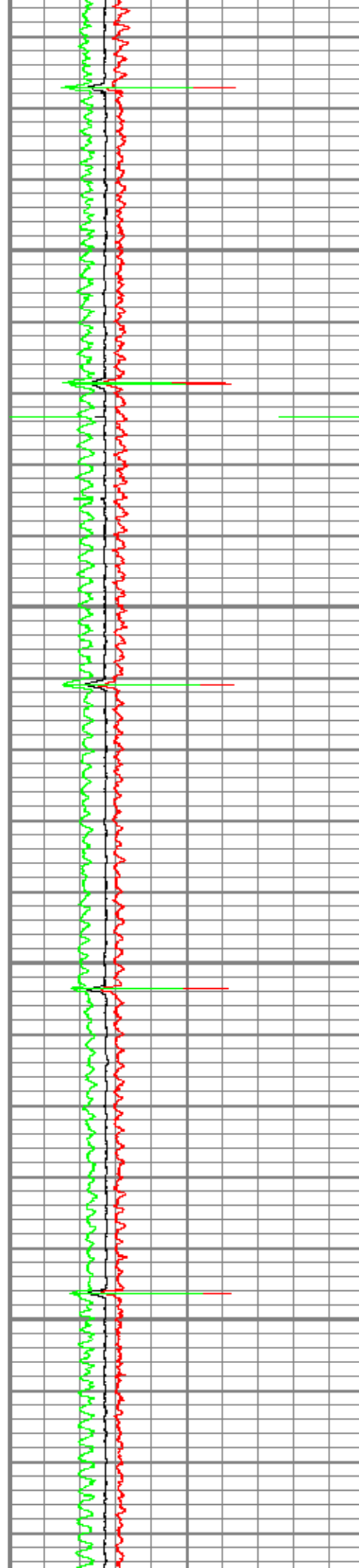
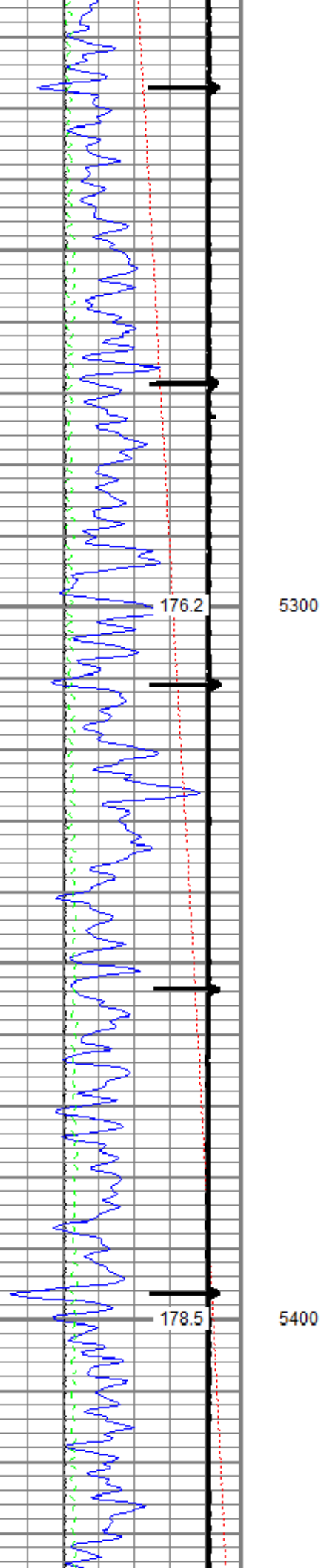


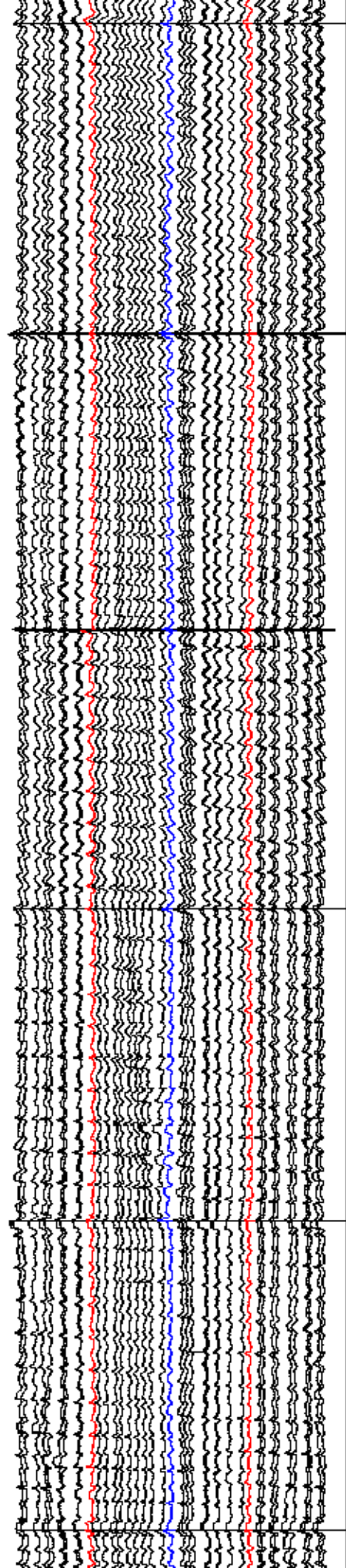
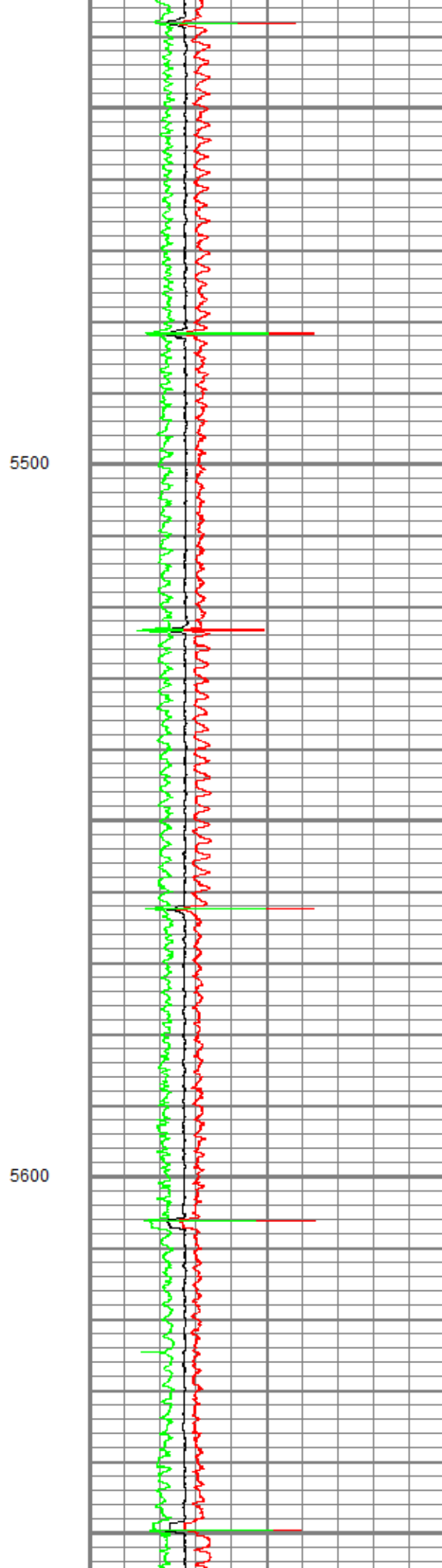
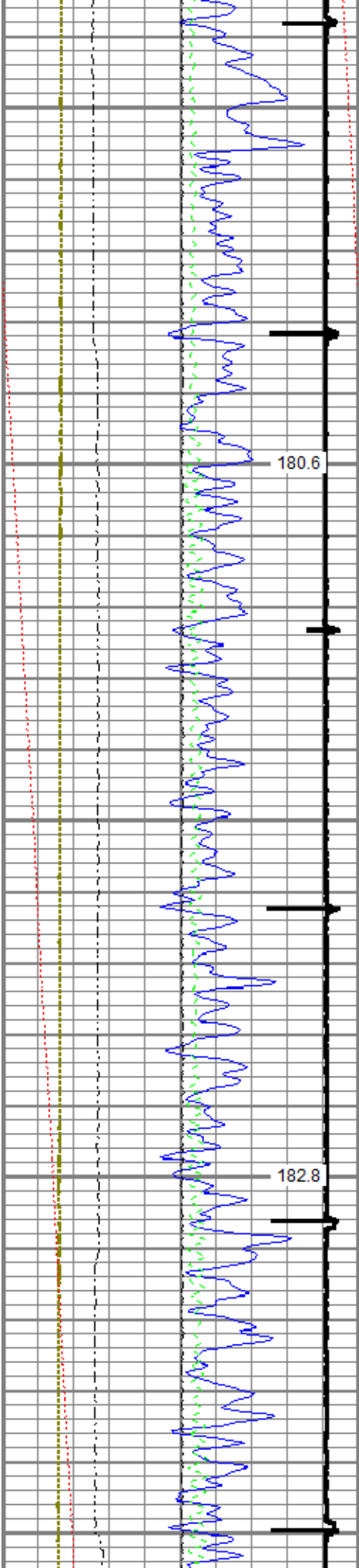
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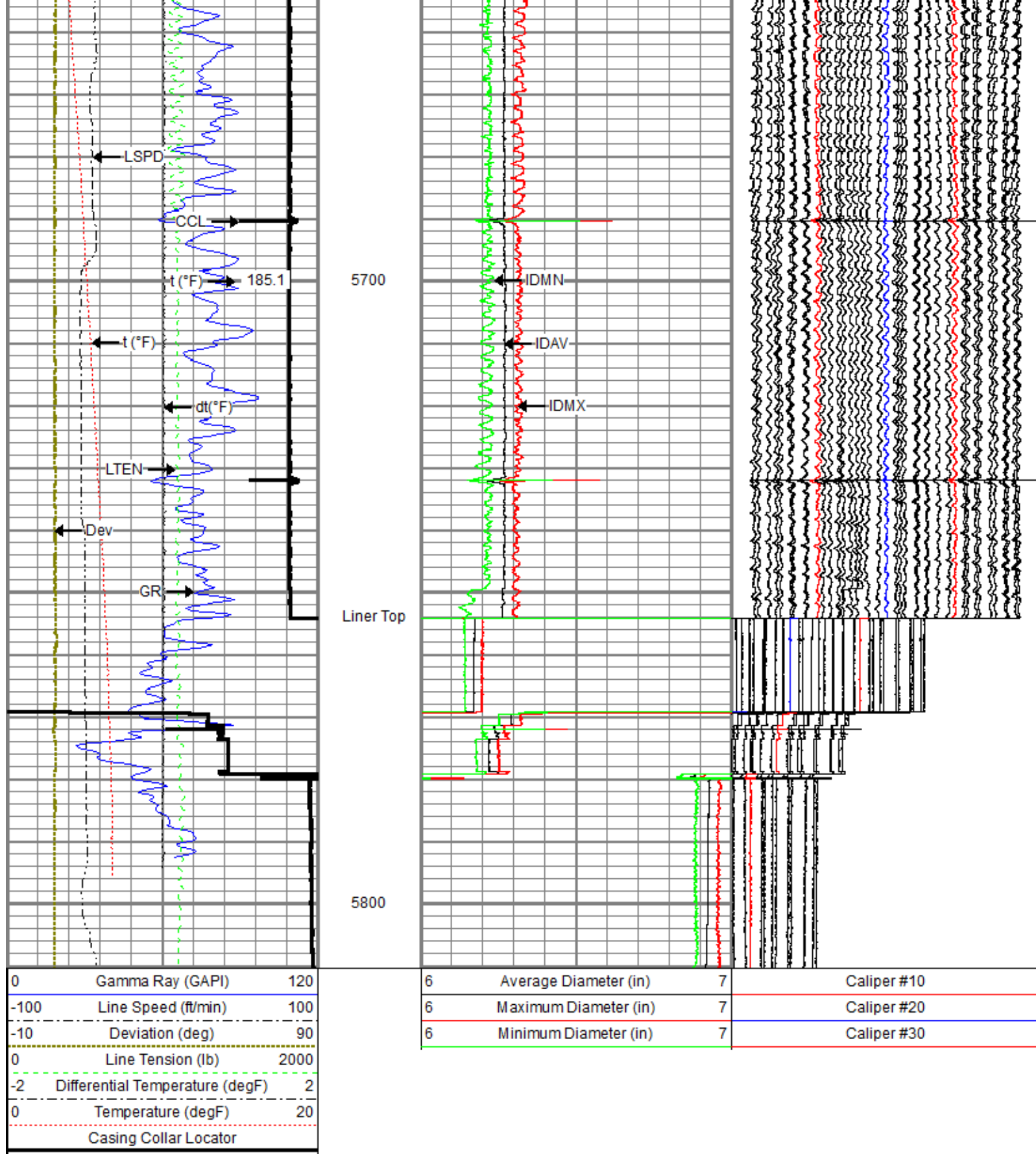
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5200





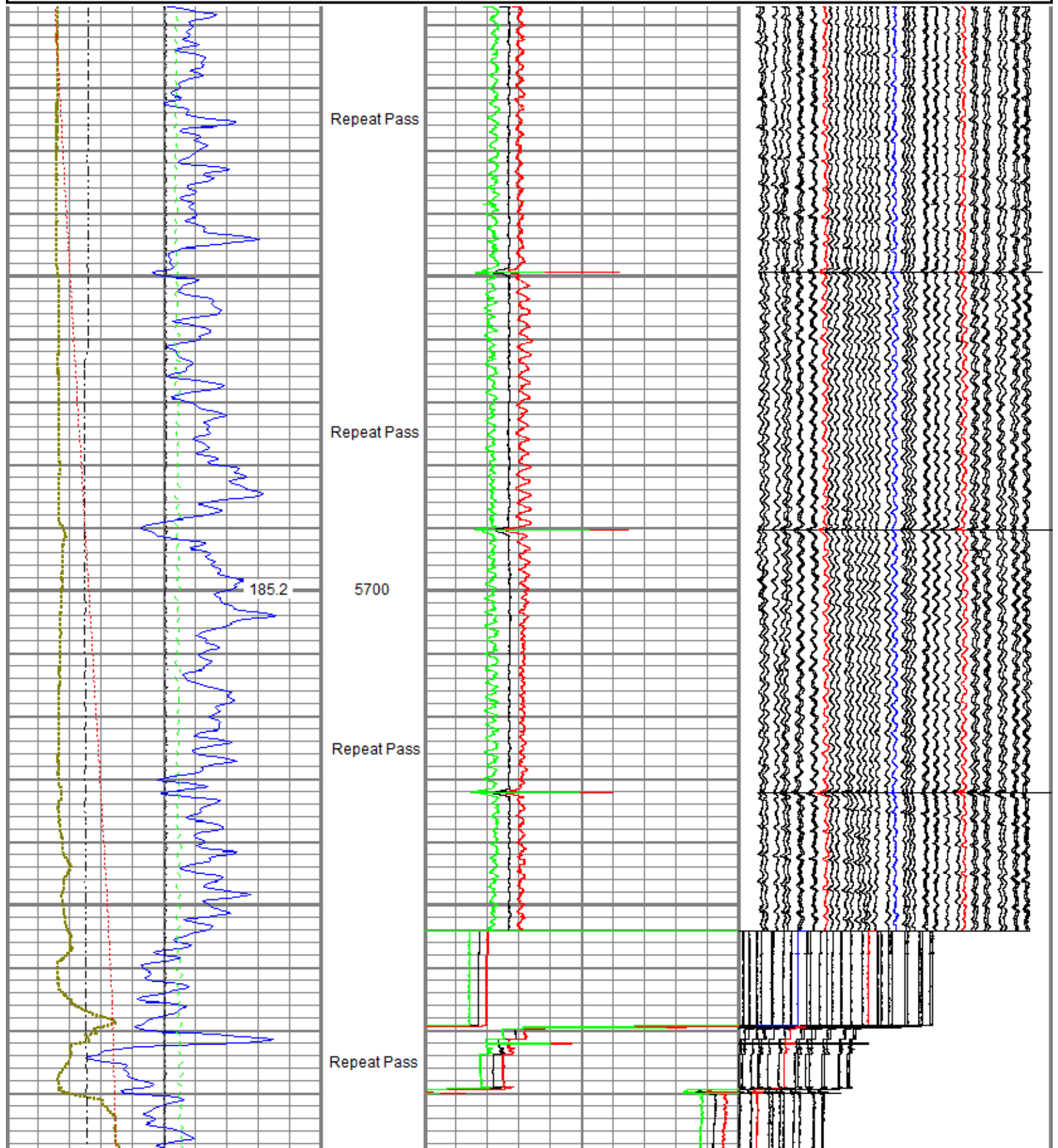


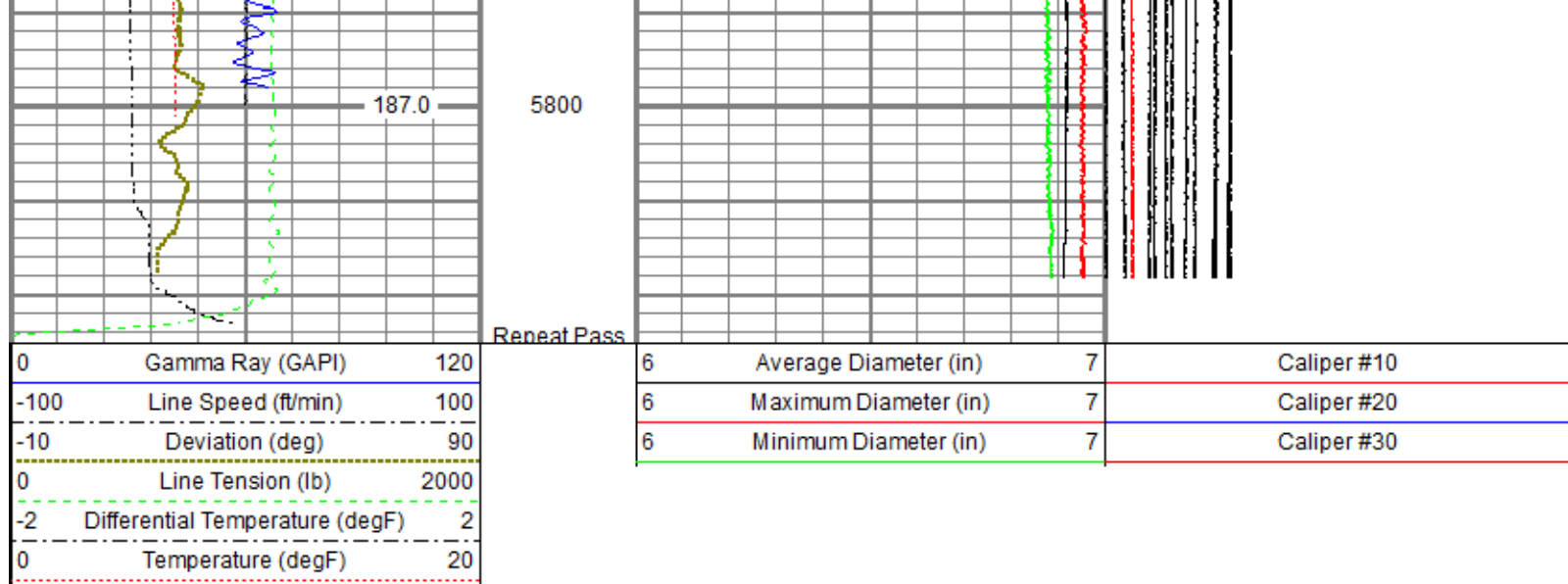


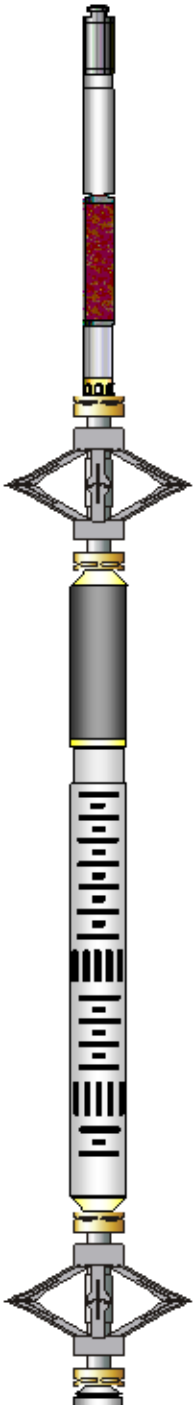

Repeat Pass

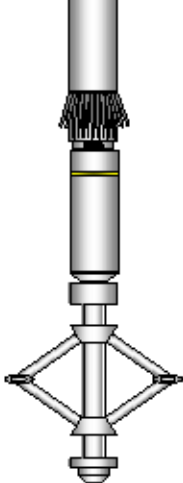
Recorded With 2800 PSI Surface Induced Pressure

0	Gamma Ray (GAPI)	120	6	Average Diameter (in)	7	Caliper #10
-100	Line Speed (ft/min)	100	6	Maximum Diameter (in)	7	Caliper #20
-10	Deviation (deg)	90	6	Minimum Diameter (in)	7	Caliper #30
0	Line Tension (lb)	2000				
-2	Differential Temperature (degF)	2				
0	Temperature (degF)	20				





Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)	
GR	23.58		Titan_Electric_Cable_Heads-Titan_1-11/16" Electric Cable Head with 1" Fishing Neck	1.03	1.69	5.40	
			UW_AGS-UW_AGS_001 (219135) Sondex Adapter - GO Box to Sondex Pin	0.21	1.69	1.00	
			UW_XTU-UW_XTU_002 (051219) Crossover Ultrawire Toolbus to Ultralink	1.58	1.69	6.50	
			UW_PGR-UW_PGR_020 (10013902) Production Gamma Ray	1.92	1.69	9.50	
TEMP	22.18		UW_PRT-PRT_016 (10024052) Platinum Resistance Thermometer	1.04	1.69	5.20	
			UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00	
CBLROT	15.15			UW_RBT-UW_RBT_004 (1066) Sondex Ultrawire 3-1/8" Radial Bond Tool	9.48	3.13	140.00
CBLTEMP	15.15						
WVFS8	15.15						
WVFS7	15.15						
WVFS6	15.15						
WVFS5	15.15						
WVFS4	15.15						
WVFS3	15.15						
WVFS2	15.15						
WVFS1	15.15						
WVF3FT	15.15						
WVF5FT	14.15			UW_PRC-DSS_RAC 5 Arm 2-3/4" Roller Centralizer	2.55	2.75	32.00
CBLTEMP	10.02						

MIT	5.27		UW_MIT-UW_MIT40_027 (218949) 40 Multifinger Imaging Tool	4.54	2.75	65.00
			UW_PRC-PRC_057 4 Arm 2-3/4" Production Roller Centralizer	2.71	2.75	32.00
TSTAMP	0.00		UW_BUL-UW_BUL_006 (031422) Sondex Ultrawire Bullnose Terminator	0.22	1.69	1.20
Dataset:		0512343477_Anadarko_Wagner 26C-10HZ_MIT_12-08-17.db: field/well/run1/pass1				
Total length:		27.83 ft				
Total weight:		329.80 lb				
O.D.:		3.13 in				

Calibration Report			
Database File	C:\ProgramData\Warrior\Data\Anadarko_Wagner 26C-10HZ\0512343477_Anadarko_Wagner 26C-10HZ_MIT_12-08-17.db		
Dataset Pathname	calreport		
Dataset Creation	Fri Dec 08 11:48:11 2017		
Multifinger Imaging Tool Calibration Report			
Serial Number:		218949	
Number of Fingers:		40	
Tool Model:		UW_MIT40_027	
Inclinometer Calibration Report			
Performed:		Mon, Oct, 06 14:03:04 2008	
Calibration Angle:		45	
		Inc X	Inc Y
Vertical:		1996	1984
Finger 1 up:		1780	1738
Finger 31 up:		2235	1756
Finger 21 up:		2216	2228
Finger 11 up:		1736	2196
Sensitivity ratio:	1.0062		
X-axis angle:	131.534		
Deviation const.:	331.322		

Finger Calibration Report						
		Performed: Fri Dec 08 08:06:55 2017				
Ring size:	4	5	6	7		
(in)	Sens	Sens	Sens			
Finger 01:	1384	285.0	1669	292.0	1961	310.0
Finger 02:	1460	278.0	1738	286.0	2024	301.0
Finger 03:	1650	280.0	1930	278.0	2208	285.0
Finger 04:	1647	277.0	1924	275.0	2199	280.0
Finger 05:	1548	266.0	1814	270.0	2084	278.0
Finger 06:	1534	257.0	1791	261.0	2052	269.0
Finger 07:	1365	276.0	1641	286.0	1927	301.0
Finger 08:	1544	259.0	1803	264.0	2067	271.0
Finger 09:	1430	273.0	1703	282.0	1985	291.0
Finger 10:	1490	269.0	1759	275.0	2034	278.0
Finger 11:	1483	263.0	1746	273.0	2019	272.0
Finger 12:	1316	285.0	1601	297.0	1898	306.0
Finger 13:	1584	280.0	1864	289.0	2153	286.0
Finger 14:	1419	283.0	1702	298.0	2000	303.0
Finger 15:	1544	262.0	1806	276.0	2082	279.0
Finger 16:	1398	281.0	1679	300.0	1979	303.0
Finger 17:	1623	268.0	1891	283.0	2174	279.0
Finger 18:	1386	284.0	1670	311.0	1981	315.0

Finger 19:	1641	254.0	1895	264.0	2159	261.0	2420
Finger 20:	1513	258.0	1771	281.0	2052	284.0	2336
Finger 21:	1599	244.0	1843	262.0	2105	261.0	2366
Finger 22:	1531	265.0	1796	288.0	2084	290.0	2374
Finger 23:	1350	266.0	1616	294.0	1910	299.0	2209
Finger 24:	1673	253.0	1926	273.0	2199	278.0	2477
Finger 25:	1368	281.0	1649	312.0	1961	320.0	2281
Finger 26:	1535	276.0	1811	299.0	2110	309.0	2419
Finger 27:	1453	252.0	1705	275.0	1980	284.0	2264
Finger 28:	1644	266.0	1910	286.0	2196	295.0	2491
Finger 29:	1468	265.0	1733	288.0	2021	305.0	2326
Finger 30:	1414	262.0	1676	290.0	1966	308.0	2274
Finger 31:	1521	260.0	1781	280.0	2061	290.0	2351
Finger 32:	1340	256.0	1596	282.0	1878	298.0	2176
Finger 33:	1625	295.0	1920	311.0	2231	321.0	2552
Finger 34:	1537	269.0	1806	276.0	2082	290.0	2372
Finger 35:	1441	264.0	1705	280.0	1985	299.0	2284
Finger 36:	1591	279.0	1870	286.0	2156	300.0	2456
Finger 37:	1598	278.0	1876	278.0	2154	297.0	2451
Finger 38:	1496	273.0	1769	285.0	2054	302.0	2356
Finger 39:	1460	281.0	1741	292.0	2033	310.0	2343
Finger 40:	1595	289.0	1884	294.0	2178	305.0	2483

Post Survey Calibration Check								
Performed: Fri Dec 08 11:43:12 2017								
Ring size: (in)	4	Nom. wear	5	Nom. wear	6	Nom. wear	7	Nom. wear
Finger 01:	3.995	-0.003	4.994	-0.003	5.990	-0.005	6.988	-0.006
Finger 02:	3.992	-0.004	4.991	-0.005	5.989	-0.006	6.992	-0.004
Finger 03:	3.995	-0.002	4.994	-0.003	6.003	0.002	7.012	0.006
Finger 04:	3.989	-0.006	5.001	0.001	6.019	0.010	7.033	0.016
Finger 05:	3.986	-0.007	4.988	-0.006	5.984	-0.008	6.992	-0.004
Finger 06:	3.987	-0.006	5.000	-0.000	5.998	-0.001	6.996	-0.002
Finger 07:	3.989	-0.006	4.993	-0.003	5.994	-0.003	6.985	-0.008
Finger 08:	3.995	-0.002	4.997	-0.002	5.992	-0.004	6.994	-0.003
Finger 09:	3.990	-0.005	4.998	-0.001	6.003	0.002	6.999	-0.000
Finger 10:	3.989	-0.005	4.998	-0.001	6.001	0.001	6.999	-0.001
Finger 11:	3.990	-0.005	4.995	-0.003	5.992	-0.004	7.003	0.001
Finger 12:	4.000	-0.000	4.990	-0.005	5.989	-0.005	6.989	-0.005
Finger 13:	3.990	-0.005	5.002	0.001	6.011	0.005	7.003	0.002
Finger 14:	3.999	-0.001	4.997	-0.002	6.002	0.001	7.000	-0.000
Finger 15:	3.991	-0.005	4.992	-0.004	5.995	-0.003	6.996	-0.002
Finger 16:	3.996	-0.002	4.994	-0.003	5.996	-0.002	6.995	-0.002
Finger 17:	3.985	-0.008	4.990	-0.005	5.991	-0.004	7.002	0.001
Finger 18:	3.992	-0.004	4.994	-0.003	6.001	0.000	7.000	-0.000
Finger 19:	3.995	-0.003	4.999	-0.000	5.996	-0.002	6.991	-0.005
Finger 20:	3.990	-0.005	4.992	-0.004	5.991	-0.005	6.995	-0.002
Finger 21:	3.998	-0.001	4.995	-0.003	5.991	-0.004	7.003	0.001
Finger 22:	3.990	-0.005	4.988	-0.006	5.995	-0.002	7.006	0.003
Finger 23:	4.001	0.000	4.997	-0.002	5.999	-0.000	6.994	-0.003
Finger 24:	3.999	-0.000	4.996	-0.002	6.006	0.003	7.000	-0.000
Finger 25:	3.986	-0.007	4.995	-0.002	5.994	-0.003	6.993	-0.004
Finger 26:	3.991	-0.004	4.998	-0.001	6.001	0.001	6.992	-0.004
Finger 27:	3.983	-0.009	4.994	-0.003	5.994	-0.003	6.994	-0.003
Finger 28:	3.986	-0.007	4.996	-0.002	5.998	-0.001	7.006	0.003
Finger 29:	3.995	-0.003	4.998	-0.001	6.002	0.001	7.003	0.001
Finger 30:	3.984	-0.008	5.003	0.002	6.004	0.002	7.001	0.000
Finger 31:	3.995	-0.003	4.994	-0.003	5.994	-0.003	7.009	0.005
Finger 32:	3.990	-0.005	4.994	-0.003	5.992	-0.004	7.002	0.001
Finger 33:	3.993	-0.003	4.994	-0.003	5.996	-0.002	6.995	-0.003
Finger 34:	3.993	-0.004	4.991	-0.005	5.993	-0.004	6.988	-0.006
Finger 35:	3.994	-0.003	4.997	-0.002	5.996	-0.002	6.996	-0.002
Finger 36:	3.993	-0.004	4.989	-0.005	5.995	-0.003	6.999	-0.001
Finger 37:	4.004	0.002	4.989	-0.006	6.004	0.002	6.994	-0.003
Finger 38:	3.998	-0.001	5.006	0.003	6.000	-0.000	6.994	-0.003
Finger 39:	3.991	-0.004	4.995	-0.002	5.999	-0.000	6.997	-0.002
Finger 40:	3.988	-0.006	4.995	-0.003	5.993	-0.004	6.996	-0.002
Average:	3.992	-0.004	4.995	-0.002	5.997	-0.001	6.998	-0.001

Serial Number: 1066
Tool Model: UW_RBT_004
Calibration Casing Diameter: 7.000 in
Calibration Depth: 21.037 ft

Master Calibration, performed Fri Dec 08 08:13:16 2017:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3FT	0.002	0.580	0.800	62.165	106.226	0.546
5FT	-0.002	0.568	0.800	62.165	107.645	1.063
S1	0.002	0.567	0.000	100.000	177.194	-0.430
S2	0.001	0.588	0.000	100.000	170.284	-0.208
S3	0.002	0.582	0.000	100.000	172.246	-0.296
S4	0.001	0.592	0.000	100.000	169.288	-0.198
S5	0.002	0.586	0.000	100.000	171.292	-0.364
S6	0.001	0.586	0.000	100.000	170.941	-0.248
S7	0.002	0.592	0.000	100.000	169.610	-0.408
S8	0.003	0.573	0.000	100.000	175.223	-0.473

Temperature Calibration Report

Serial Number: 10024052
Tool Model: PRT_016
Performed: Sun Oct 11 12:16:39 2015

Point #	Reading		Reference	
1	12242.00	cps	68.00	degF
2	18329.00	cps	104.00	degF
3	29563.00	cps	176.00	degF
4	41222.00	cps	248.00	degF
5	52988.00	cps	320.00	degF
6	58824.00	cps	356.00	degF
7		cps		degF
8		cps		degF
9		cps		degF
10		cps		degF

Gamma Ray Calibration Report

Serial Number: 10013902
Tool Model: UW_PGR_020
Performed: (Not Performed)
Calibrator Value: 1.0 GAPI
Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps
Sensitivity: 1.0000 GAPI/cps



Company: Kerr-McGee Oil & Gas Onshore, L.P.
Well: Wagner 26C-10HZ
Field: Wattenberg
County: Weld
State: Colorado